



CATALOGUE 183



MONACOR

Your Project is Our Project

Worldwide

 **GERMANY**
MONACOR INTERNATIONAL
GmbH & Co. KG

 **CYPRUS**
Chase Telecom Ltd

 **ICELAND**
MONACOR DANMARK A/S

 **NETHERLANDS**
MONACOR NEDERLAND B.V.

 **SPAIN**
MONACOR IBERIA, S.A.U.

 **ALGERIA**
IHTIRAFI MEDIA SYSTEM


 **CZECH REPUBLIC**
MONACOR SLOVAKIA spol. s.r.o.

 **IRELAND**
MONACOR UK Ltd

 **NORWAY**
MONACOR NORGE

 **SWEDEN**
MONACOR SVERIGE AB

 **ANDORRA**
MONACOR IBERIA, S.A.U.

 **DENMARK**
MONACOR DANMARK A/S

 **ITALY**
MONACOR ITALIA s.r.l.

 **POLAND**
MONACOR POLSKA Sp. z o.o.

 **SWITZERLAND**
MONACOR SCHWEIZ AG

 **ARMENIA**
MCF Production LLC
Four Stage LLC

 **ESTONIA**
A-Kaabel
EW Sound
Hannu Pro Tallinn LLC

 **KIRGHIZIA**
Sound.KG

 **PORTUGAL**
MONACOR IBERIA, S.A.U.

 **TURKEY**
KALEPRO

 **AUSTRALIA**
SOUNDLABS GROUP Pty Ltd

 **FAROE ISLANDS**
MONACOR DANMARK A/S

 **LATVIA**
SGM SIA

 **ROMANIA**
MONACOR ROMANIA SRL

 **UKRAINE**
Mastak Plus
Raduga Svit
UKRTECH Ltd

 **AUSTRIA**
MONACOR ELECTRONIC
Vertriebs-GmbH

 **FINLAND**
MONACOR NORDIC A/S

 **LIECHTENSTEIN**
MONACOR SCHWEIZ AG

 **RUSSIA**
BM Music Ltd

 **UNITED ARAB EMIRATES**
Levels FZ LLC

 **AZERBAJDZHAN**
Best Comp Group

 **FRANCE**
MONACOR FRANCE S.A.R.L.

 **LITHUANIA**
Scenos Servisas JSC
Sintonas

 **SAN MARINO**
MONACOR ITALIA s.r.l.

 **UNITED KINGDOM**
MONACOR UK Ltd

 **BELARUS**
MuzTorgServis Ltd

 **Georgia**
Sound City

 **LUXEMBOURG**
MONACOR BELGIUM BVBA

 **SLOVAKIA**
MONACOR SLOVAKIA spol. s.r.o.

 **BELGIUM**
MONACOR BELGIUM BVBA

 **GREECE**
A.B.A.S.

 **MONACO**
MONACOR FRANCE S.A.R.L.

 **BRAZIL**
LOGICAL DESIGN

 **GREENLAND**
MONACOR DANMARK A/S

 **MOROCCO**
MEGATRONIC s. a. r. l.

 **BULGARIA**
PRO AUDIO
Solton Music

 **HUNGARY**
MONACOR HUNGÁRIA Kft.

 **CROATIA**
Z-EL d.o.o. Chipoteka



MONACOR

Photos:

Fotolia: © 3 Puzzle Buttons zeigen Qualität Service Preis, kebox, The part of architectural project, Maksym Dykha, Haus Standard weiss mit Solar, KB3

valid from October 2018

Our Security Concepts	S2
Our Service: Your Advantage	S3
HYBRID Line	S4 – S13
COMFORT Line	S14 – S22
PROJECT Line	S23 – S41
Power over Ethernet	S42 – S44
Camera Lenses	S45 – S46
Storage Media/Power Supplies	S47
Wireless System/LED Infrared Floodlights	S48 – S63
Accessories	S64
Monitors	S65
Camera Dummies	S66 – S68, S70-S71
Alarm Systems	S69
Accessories	S72
Alarm Units	S73
Signalling Devices	S74
Smoke Detectors	S75
Key Switches	S76
Cables and Plug-in Connectors	S77

Together let us make your customers' world a safer place ...



For some time now, the European market for security technology has significantly grown each year. Let your business benefit from this potential.

The new catalogue "Security Technology 2019" from MONACOR offers new concepts for your daily projects. We primarily focussed on one thing while compiling the product ranges: to meet your customers' requirements regarding security solutions and the feasibility of implementation.

Video surveillance systems from MONACOR allow you to detect any potential threat immediately. Their main aim is to protect people as well as commercial grounds and private properties. And if the criminals should not be deterred, the high-resolution systems can greatly contribute towards identifying them.

The **HYBRID Line**, the **COMFORT Line** and the **PROJECT Line** provide an impressive and cost-effective range of products which includes surveillance cameras and recorders for versatile applications. The efficient components are perfectly matched to each other and provide high-quality products which fully meet your and your customers' requirements.



We also provide you, of course, with any required accessories and further security solutions, e.g. various intrusion detection systems. Everything is tailored to your requirements because: Your Project is Our Project.



Our Service: Your Advantage

Your Projects are Our Projects

In order to provide your customers with the perfect security solution, we will be available to give expert advice and practical support even during the planning stage of a more complex project. Thus, we are able to identify challenges at an early stage and together form the basis for a successful project.

We see ourselves as an adviser. Thus, we start by listening very carefully, no matter whether it is a standard solution or a more complex system. In addition, our Datanorm files facilitate planning and calculation. If you are an installer and are planning a project, please do not hesitate to contact the project team at MONACOR INTERNATIONAL. Simply use this service component as part of our range of services, because success can be planned.



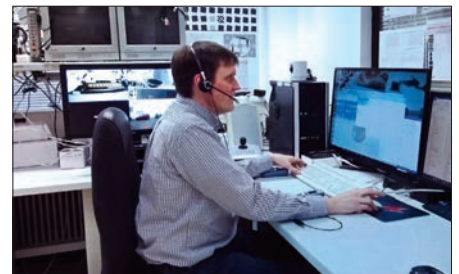
We provide the knowledge for your success

The Technical Training Center (TTC) provides you with profound knowledge and practical experience: comprehensive, understandable and clearly presented. These training sessions include the complete know-how from development engineers and test engineers as well as customer consultants and users. We provide you with the required safety skills and expertise for your daily work. Simply ask your personal contact about future topics and dates for nationwide training sessions.



Always available to assist

Our own technical service department with highly qualified staff is an inherent part of the remarkable range of services provided by MONACOR INTERNATIONAL. You will benefit from consistent points of contact, a spare parts store offering almost any part required and an extensive technical archive. Thus, fastest response and processing times are guaranteed which are fundamentally important to us.



Always paying close attention to your requirements

In the sales department, our specialised advisers for SECURITY products know what is important to you. MONACOR INTERNATIONAL, of course, provides you with expert advice and ensures fast processing of your order. The specialised adviser is also an important point of contact in our company who will ask technicians or the technical project management for assistance, depending on the product enquiry or the planned project. Thus, we provide comprehensive expert advice while you can continue with your day-to-day business.



Targeted brand advertising to ensure your success

With targeted PR and marketing campaigns, we are able to gain user confidence in the field of security technology from MONACOR. With appealing websites and a social media presence, we utilise all relevant digital channels to give comprehensive information to you and your customers. We are always open to your ideas and suggestions regarding advertising campaigns for security technology and will assist you when implementing those.



Solutions with a clear quality assurance

Our proactive quality policy ensures most reliable products. Strict testing criteria within tight tolerance limits ensure the high quality and technical safety of our products. Extensive examination of the products at MONACOR INTERNATIONAL and our detailed instruction manuals are completed by the service of accredited test laboratories. Thus, all of our products meet highest quality requirements. You will clearly benefit from our 3-year warranty which applies to all of the products from MONACOR INTERNATIONAL.



The HYBRID Line from MONACOR

The modern hybrid solutions from MONACOR combine well-known analogue technologies with the advantages of network technology. Every user is quickly convinced by the easy installation and the setup for operation. Additionally, there is no prior knowledge required in the field of network technology.

The high image resolution is, of course, the most convincing reason for a change. Analogue images are transmitted in full HD (1080p) via coaxial cables and provide every little detail, e.g. number plates. Other compelling reasons are a long transmission distance of up to 300 m and a short latency. The user can, of course, access the images via app or browser.

A special highlight: it is possible to combine existing analogue components with the HYBRID Line. Despite fast technical developments, the system is a highly reliable investment.

Video Surveillance for Retail Businesses

Every year, retail businesses encounter great damage caused by theft or inventory discrepancies. Skilfully implemented video surveillance solutions can be used to deter perpetrators, to support security personnel, to solve crimes and to secure evidence.

Areas to be secured:

- **Entrance and exit areas:** to identify people (e.g. if banned from the premises), to deter criminals
- **Indoors:** key area of video surveillance, particularly for expensive products or small items in areas difficult to see
- **Checkout area:** to prevent and solve cases involving manipulation and theft
- **Storeroom:** to protect against theft
- **Outdoors:** to protect against theft, e.g. of advertising signs or goods, to solve cases involving violence or vandalism

1 x AXR-108
1 x SATA-4000GB
2 x PSS-5000
6 x AXC-2812DVM
1 x TFT-215LED



Video Surveillance of a Petrol Station

Time and again, petrol stations are popular targets for criminals. There is an increased requirement for sufficient protection and deterrence. Petrol stations are faced with two primary risks: fuel theft and armed robbery.

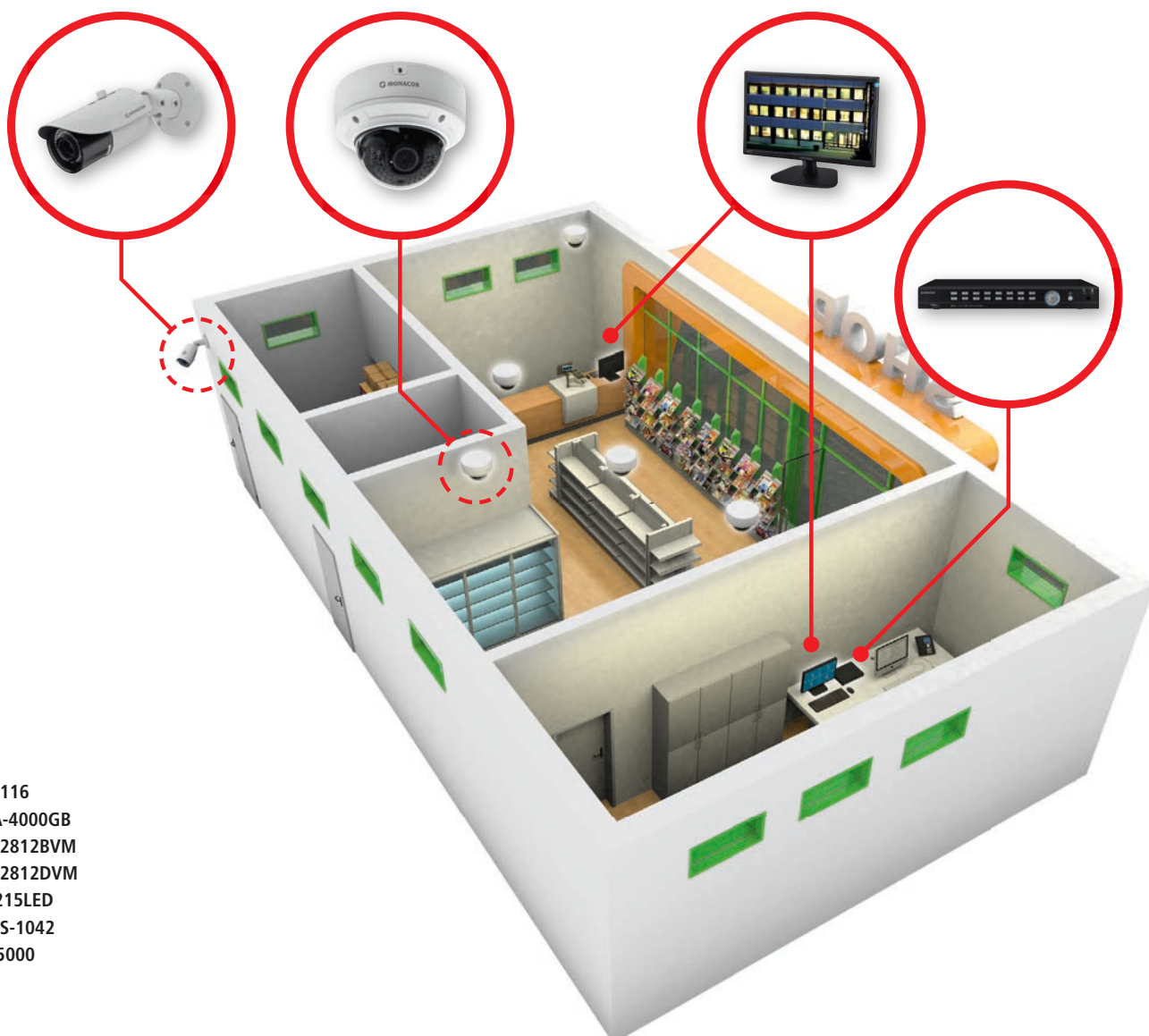
In addition to featuring a robust design, surveillance cameras of petrol stations must provide high-quality images. Perfect detection of number plates is just as important as detailed recordings for the purpose of identifying offenders. In both cases, the HYBRID Line provides the perfect solution.



Video Surveillance of a Petrol Station

Areas to be secured:

- **Entrance and exit areas:** to identify people (e.g. if banned from the premises), to deter criminals
- **Indoors:** key area of video surveillance, particularly for expensive products or small items in areas difficult to see
- **Checkout area:** to prevent and solve cases involving manipulation and theft
- **Sales area:** to protect against theft and vandalism
- **Storeroom:** to protect against theft
- **Outdoors:** to protect against theft, e.g. of fuel, advertising signs or goods, to solve cases involving violence or vandalism



- 1 x AXR-116
- 1 x SATA-4000GB
- 11 x AXC-2812BVM
- 5 x AXC-2812DVM
- 2 x TFT-215LED
- 1 x HDMS-1042
- 4 x PSS-5000

HYBRID Line

AXZ-224BDM

Order No. 18.0133



HYBRID Line video surveillance set, consisting of 4-channel HYBRID Line digital recorder AXR-104, 2 x HYBRID Line colour dome camera AXC-2812DVM and 2 x HYBRID Line colour camera AXC-2812BVM.

4-channel HYBRID Line digital recorder AXR-104

- Including 1 TB hard disk (SATA)
- Automatic recognition of applied camera technology: analogue (960p), AHD (720p/1080p), TVI (1080p) and network-based
- Video compression: H.264
- Network connection, access via web browser
- HDMI™ video output (Full HD 1080p)
- VGA output
- 2 x USB 2.0 interface for exporting data onto a USB flash drive and for connecting USB mouse
- Video motion detector, 12 x 12 sensor surfaces
- 4 x alarm input, 1 x alarm output
- 4 x audio input, 1 x audio output
- Power is provided via enclosed power supply
- Supplied with power supply, infrared remote control, USB mouse and software package

2 x HYBRID Line colour dome camera AXC-2812DVM

- Weatherproof outdoor housing, IP66
- Motor zoom lens (2.8-12 mm)
- Viewing angle: 35-85°
- Resolution: 2 megapixels
- Due to 30 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 20-30 m, with optimum reflection)
- Power is provided via enclosed power supply
- Supplied with 18 m connection cable



2 x HYBRID Line colour camera AXC-2812BVM

- Weatherproof outdoor housing, IP66
- Motor zoom lens (2.8-12 mm)
- Resolution: 2 megapixels
- Due to 50 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range 30-50 m, with optimum reflection)
- Power is provided via enclosed power supply
- Supplied with 18 m connection cable



For further specifications, please refer to individual items.

Built-in hard disk

Remote access possible via smartphone apps (RXCam, RXCamLink, RXCamLinkHD) for various systems. Please read the notes under Service/Downloads at www.monacor-international.com.

AXZ-408DVM

Order No. 18.0118



HYBRID Line video surveillance set, consisting of 8-channel HYBRID Line digital video recorder AXR-108 and 4 x HYBRID Line colour dome camera AXC-2812DVM.

8-channel HYBRID Line digital video recorder AXR-108

- Including 1 TB hard disk (SATA)
- Automatic recognition of applied camera technology: analogue (960p), AHD (720p/1080p), TVI (1080p) and network-based
- Video compression: H.264
- Network connection, access via web browser
- HDMI™ video output (Full HD 1080p)
- VGA output
- 2 x USB 2.0 interface for exporting data onto a USB flash drive and for connecting USB mouse
- Video motion detector, 12 x 12 sensor surfaces
- 8 x alarm input, 1 x alarm output
- 8 x audio input, 1 x audio output
- Power is provided via enclosed power supply
- Supplied with power supply, infrared remote control, USB mouse and software package

4 x HYBRID Line colour dome camera AXC-2812DVM

- Weatherproof outdoor housing, IP66
- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 35-85°
- Resolution: 2 megapixels
- Due to 30 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 20-30 m, with optimum reflection)
- Power is provided via enclosed power supply
- Supplied with 18 m connection cable



For further specifications, please refer to the individual items.

Built-in hard disk.

Remote access possible via smartphone apps (RXCam, RXCam Link, RXCamLinkHD) for various systems. Please read the notes under Service/Downloads at www.monacor-international.com.



AXZ-408BVM

Order No. 18.0117



HYBRID Line video surveillance set, consisting of AXR-108 and AXC-2812BVM.

8-channel HYBRID Line digital video recorder AXR-108

- Including 1 TB hard disk (SATA)
- Automatic recognition of applied camera technology: analogue (960p), AHD (720p/1080p), TVI (1080p) and network-based
- Video compression: H.264
- Network connection, access via web browser
- HDMI™ video output (Full HD 1080p)
- VGA output

4 x HYBRID Line colour camera AXC-2812BVM

- Weatherproof outdoor housing, IP66
- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 35-85°
- Resolution: 2 megapixels

For further specifications, please refer to the individual items.

Built-in hard disk.

Remote access possible via smartphone apps (RXCam, RCXCam Link, RXCamLinkHD) for various systems.

Please read the notes under Service/Downloads at www.monacor-international.com.



AXZ-204DVM

Order No. 18.0116



HYBRID Line video surveillance set, consisting of AXR-104 and AXC-2812DVM

4-channel HYBRID Line digital video recorder AXR-104

- Including 1 TB hard disk (SATA)
- Automatic recognition of applied camera technology: analogue (960p), AHD (720p/1080p), TVI (1080p) and network-based
- Video compression: H.264
- Network connection, access via web browser
- HDMI™ video output (Full HD 1080p)
- VGA output

2 x HYBRID Line colour dome camera AXC-2812DVM

- Weatherproof outdoor housing, IP66
- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 35-85°
- Resolution: 2 megapixels

For further specifications, please refer to the individual items.

Built-in hard disk.

Remote access possible via smartphone apps (RXCam, RCXCam Link, RXCamLinkHD) for various systems.

Please read the notes under Service/Downloads at www.monacor-international.com.



AXZ-204BVM

Order No. 18.0115



HYBRID Line video surveillance set, consisting of AXR-104 and AXC-2812BVM.

4-channel HYBRID Line digital video recorder AXR-104

- Including 1 TB hard disk (SATA)
- Automatic recognition of applied camera technology: analogue (960p), AHD (720p/1080p), TVI (1080p) and network-based
- Video compression: H.264
- Network connection, access via web browser
- HDMI™ video output (Full HD 1080p)
- VGA output

2 x HYBRID Line colour camera AXC-2812BVM

- Weatherproof outdoor housing, IP66
- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 35-85°
- Resolution: 2 megapixels

For further specifications, please refer to the individual items.

Built-in hard disk.

Remote access possible via smartphone apps (RXCam, RCXCam Link, RXCamLinkHD). Please read the notes under Service/Downloads at

www.monacor-international.com.



HYBRID Line

HYBRID Line Digital Recorders of the AXR Series

- Automatic recognition of applied camera technology: analogue (960p), AHD (720p/1080p), TVI (1080p) and network-based
- Video compression: H.264
- Network connection, access via web browser
- HDMI™ video output (Full HD 1080p)
- VGA output
- 2 x USB 2.0 interface for exporting data onto a USB flash drive and for connecting USB mouse
- Remote access possible via many smartphones. Please read the notes under Service/Downloads at www.monacor-international.com

- Video motion detector, 12 x 15 sensor surfaces
- 3 recording qualities
- Recording time depends on recording rate, recording quality and hard disk capacity
- Manual recording, alarm-controlled, time-controlled or motion-triggered recording
- Quick search by time list, event list or alarm list
- Password protection
- Brightness, colour, contrast and focus can be adjusted for each channel
- PTZ cameras can be controlled (PELCO D, PELCO P)
- Supplied with infrared remote control, USB mouse and software package

- OSD: German, English, French, Spanish, Polish and other languages
- Instruction manual: German, English, French, Italian

Supplied w/o hard disks.

Matching SATA hard disks are available at option, supports 1 x 6 TB (AXR-116: 2 x 6 TB).

Remote access possible via smartphone apps (RXCamView) for various systems. Please read the notes under Service/Downloads at www.monacor-international.com.

AXR-116

Order No. 18.4530



16-channel HYBRID Line digital video recorder

- 16 x alarm input, 1 x alarm output
- 8 x audio input (RCA), 8 x D-sub to RCA, 1 x RCA output
- Bandwidth: 96 Mbps



AXR-108

Order No. 18.4520



8-channel HYBRID Line digital video recorder

- 8 x alarm input, 1 x alarm output
- 8 x audio input, 1 x audio output
- Bandwidth: 48 Mbps



Almost silent operation due to fanless cooling concept.

AXR-104

Order No. 18.4510



4-channel HYBRID Line digital video recorder

- 4 x alarm input, 1 x alarm output
- 4 x audio input, 1 x audio output
- Bandwidth: 24 Mbps



Almost silent operation due to fanless cooling concept.

Model	AXR-116	AXR-108	AXR-104
Video inputs	16 x BNC	8 x BNC	4 x BNC
Video outputs	1 x HDMI™ 1 x VGA	1 x HDMI™ 1 x VGA	1 x HDMI™ 1 x VGA
Audio inputs	8 x RCA D-sub to 8 x RCA	8 x RCA	4 x RCA
Audio outputs	1 x RCA	1 x RCA	1 x RCA
Resolution	1850 x 1080 pixels (25 fps)	1850 x 1080 pixels (25 fps)	1850 x 1080 pixels (25 fps)
Video compression	H.264	H.264	H.264
Recording	400 images/s max.	200 images/s max.	100 images/s max.
Menu adjustments	on-screen menu (OSD)	on-screen menu (OSD)	on-screen menu (OSD)
Recording mode	manual, alarm, timer, motion detector	manual, alarm, timer, motion detector	manual, alarm, timer, motion detector
Search mode	date and time, event	date and time, event	date and time, event
Lettering	OSD	OSD	OSD
Security	password protection	password protection	password protection
Video loss detection	available	available	available
Alarm inputs	16	8	4
Alarm outputs	1	1	1
Signal device	integrated	integrated	integrated
Interfaces	RS-485, USB 2.0, LAN (RJ45)	RS-485, USB 2.0, LAN (RJ45)	RS-485, USB 2.0, LAN (RJ45)
Hard disks	optional, 2 x 6 TB max. (SATA)	optional, 1 x 6 TB max. (SATA)	optional, 1 x 6 TB max. (SATA)
Power supply	= 12 V/5 A via encl. power supply	= 12 V/5 A via encl. power supply	= 12 V/5 A via encl. power supply
Admiss. ambient temp.	0-40 °C	0-40 °C	0-40 °C
Dimensions	380 x 48 x 330 mm	300 x 48 x 225 mm	300 x 48 x 225 mm
Weight	2.9 kg	1.4 kg	1.3 kg

AXC-2812BVM

Order No. 18.0101



HYBRID Line colour camera

- Weatherproof outdoor housing
- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 35-85°
- Resolution: 2 megapixels
- Due to 50 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30-50 m, with optimum reflection)
- Matching power supply (PSS-1210DC) is available at option

Model	AXC-2812BVM
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	2.8-12 mm/1:1.2, motorised zoom lens
Min. illumination	0 lx with IR illumination
Power supply	= 12 V/480 mA
Admiss. ambient temp.	-20+50 °C
Weight	1 kg
Other features	IP66, IR LED, AGC, AWB, DNR
Video	TVI, AHD, CVI, CVBS



AXC-2036BF

Order No. 18.4550



HYBRID Line colour camera

- Weatherproof outdoor housing
- Fixed-focus lens (3.6 mm)
- Viewing angle: 80°
- Resolution: 2 megapixels
- Due to 36 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 20-30 m, with optimum reflection)
- Matching power supply (PSS-1210DC) is available at option

Model	AXC-2036BF
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	3.6 mm/1:1.2
Min. illumination	0 lx with IR illumination
Power supply	= 12 V/450 mA
Admiss. ambient temp.	-10+50 °C
Weight	250 g
Other features	IP66, IR LED, AGC, AWB, DNR
Video	TVI, AHD, CVBS



AXC-2812DVM

Order No. 18.0102



HYBRID Line colour dome camera

- Weatherproof outdoor housing
- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 35-85°
- Resolution: 2 megapixels
- Due to 30 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 20-30 m, with optimum reflection)
- Matching power supply (PSS-1210DC) is available at option

Model	AXC-2812DVM
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	2.8-12 mm/1:1.2, motorised zoom
Min. illumination	0 lx with IR illumination
Power supply	= 12 V/400 mA
Admiss. ambient temp.	-20+50 °C
Weight	550 g
Other features	IP66, IR LED, AGC, AWB, DNR
Video	TVI, AHD, CVI, CVBS



AXC-2036DF

Order No. 18.4560



HYBRID Line mini colour dome camera

- Weatherproof outdoor housing
- Fixed-focus lens (3.6 mm)
- Viewing angle: 80°
- Resolution: 2 megapixels
- Due to 16 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 10-20 m, with optimum resolution)
- Matching power supply (PSS-1210DC) is available at option

Model	AXC-2036DF
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	3.6 mm/1:1.2
Min. illumination	0 lx with IR illumination
Power supply	= 12 V/350 mA
Admiss. ambient temp.	-10+50 °C
Weight	350 g
Other features	IP66, IR LED, AGC, AWB, DNR
Video	TVI, AHD, CVBS



HYBRID Line

AXC-2650BVM

Order No. 18.9948



HYBRID line colour camera

- Weatherproof outdoor housing
- Autofocus zoom lens: 6-50 mm, motorised
- Viewing angle: 11-66°
- Resolution: 2 megapixels
- Professional day/night function
- Progressive scan image sensor for images without field distortions
- Due to 6 infrared LEDs, suitable for application in the dark. For this purpose, camera switches to B/W operation (IR operating range: 30-50 m, with optimum reflection)

Model	AXC-2650BVM
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	6-50 mm/1:1.2, motorised zoom
Min. illumination	0.01 lx, 0 lx with IR illumination
Power supply	= 12 V/450 mA
Admiss. ambient temp.	-10+50 °C
Weight	700 g
Other features	IP66, IR LED, DWDR, 3D DNR
Video	TVI, AHD, CVI, CVBS



AXC-3557PTZ

Order No. 18.9931



HYBRID Line PTZ speed colour dome camera

- Weatherproof outdoor housing
- Motorised zoom lens (5.1-51 mm)
- Resolution: 2 megapixels
- Viewing angle: 3-55°
- 10 x optical zoom
- 128 possible presets
- 360° pan (endless), 0-90° tilt
- Supplied with wall bracket and plug-in power supply

Model	AXC-3557PTZ
Image sensor	8.76 mm (1/2.9") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	5.1-51 mm/1:1.9, motorised zoom
Min. illumination	0.1 lx (colour), 0.01 lx (B/W)
Power supply	= 12 V/2 A
Admiss. ambient temp.	-10+50 °C
Weight	2.3 kg
Other features	IP66, IR LED, DWDR, 3D DNR
Video	AHD



AXC-2000BX

Order No. 18.4540



HYBRID Line colour camera, with professional day/night function.

- Viewing angle: 53-130° with VGM-288ASIR, 9-53° with VGM-850ASIR
- With integrated infrared suppression filter
- Autom. or remote-contr. change of suppression filter
- Integrated video motion detector with 4 programmable zones

Model	AXC-2000BX
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	not supplied
Min. illumination	0.1 lx
Power supply	= 12 V/150 mA
Admiss. ambient temp.	-20+50 °C
Weight	300 g
Other features	AGC, BLC, DWDR, suit. for IR
Video	TVI, AHD, CVBS



AXC-137PHC

Order No. 18.4890



HYBRID Line modular colour camera

- Fixed-focus pinhole lens (3.7 mm)
- Viewing angle: 100°
- Progressive scan image sensor

Model	AXC-137PHC
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	3.7 mm/1:2.0
Min. illumination	0.5 lx
Power supply	= 12 V/100 mA
Admiss. ambient temp.	-10+50 °C
Weight	35 g
Other features	BLC, 3D DNR, DWDR
Video	TVI, AHD, CVI, CVBS



AXC-137NLC

Order No. 18.4880



HYBRID Line modular colour camera

- Fixed-focus lens (3.7 mm)
- Viewing angle: 95°
- Progressive scan image sensor for images without field distortions
- Digital noise reduction (DNR) for improving the image quality in unfavourable lighting conditions and also for saving hard disk capacities when recording with digital recorders

Model	AXC-137NLC
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	1080p
Lens	3.7 mm/1:2.0
Min. illumination	0.5 lx
Power supply	= 12 V/160 mA
Admiss. ambient temp.	-10+50 °C
Weight	35 g
Other features	BLC, 3D DNR, DWDR
Video	TVI, AHD, CVI, CVBS



AXH-2812BV

Order No. 18.4640

Camera mount, for HYBRID Line colour camera AXC-2812BVM.

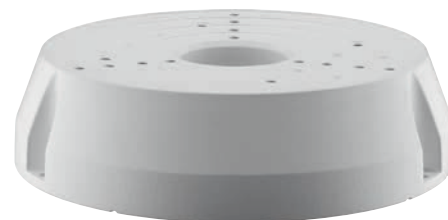
- For wall mounting and ceiling suspension
- Inside cable routing
- Aluminium version
- Dimensions: Ø 110 mm x 40 mm
- Supplied with mounting accessories

**AXH-B**

Order No. 18.4660

Camera mount, for HYBRID Line colour camera AXC-2036DF or AXC-2036BF.

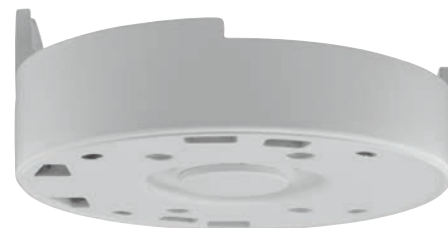
- For wall mounting and ceiling suspension
- Inside cable routing
- Aluminium version
- Dimensions: Ø 155 mm x 40 mm
- Supplied with mounting accessories

**AXH-2812DV**

Order No. 18.4650

Camera mount, for HYBRID Line colour dome camera AXC-2812DVM.

- For wall mounting and ceiling suspension
- Inside cable routing
- Aluminium version
- Dimensions: Ø 150 mm x 35 mm
- Supplied with mounting accessories

**HOLD-2080BX**

Order No. 18.4800

Camera mount, for colour cameras AXC-2000BX, INC-2000BX and INC-4000BX.

- For wall mounting and ceiling suspension
- Aluminium version
- For panning and tilting

- 6.3 mm (¼") camera thread
- Length: 80 mm
- Weight: 73 g

**HOLD-2170BX**

Order No. 18.4810

Camera mount, for colour cameras AXC-2000BX, INC-2000BX and INC-4000BX.

- For wall mounting and ceiling suspension
- Aluminium version
- For panning and tilting

- 6.3 mm (¼") camera thread
- Length: 170 mm
- Weight: 65 g

**HOLD-2230BX**

Order No. 18.4820

Camera mount, for colour cameras AXC-2000BX, INC-2000BX and INC-4000BX.

- For wall mounting and ceiling suspension
- Aluminium version
- For panning and tilting

- 6.3 mm (¼") camera thread
- Length: 230 mm
- Weight: 75 g



The COMFORT Line from MONACOR

The COMFORT Line provides the user with impressive features like an attractive price-performance ratio and an easy installation of perfectly matched components. Another advantage: you can set up your own network with the devices from the COMFORT Line, there is no need for an existing one.

The recorders with integrated switch turn these set solutions into real plug-and-play systems. It is also possible for the user to access the surveillance images via app or browser. The power for the cameras is supplied via POE and there is no separate power supply required. In case, the set configurations are insufficient to reach every corner of the property, the COMFORT Line also provides cameras for extending the angle. Due to the open standard configuration, it is also possible to integrate various network cameras via ONVIF.

Thus, the COMFORT Line is the perfect start to an IP-based video surveillance for more basic projects like small shops or pubs and restaurants.

Video Surveillance in Pubs and Restaurants

Caterers often have to deal with cases involving violence, theft, vandalism and theft by trickery. Video surveillance can contribute significantly towards solving cases or be used for deterrence.

Areas to be secured:

- **Outdoors:** to protect against theft, e.g. of advertising signs or furniture, to solve cases involving violence or vandalism
- **Entrance area:** to identify visitors (for analysing incidents or for monitoring refusals of access, e.g. if someone has been banned from the premises)
- **Cloakroom:** to resolve disputes or to investigate thefts
- **Indoors:** for an increased sense of security among customers, to solve cases involving violence, theft by trickery, to manage service staff if necessary
- **Warehouse:** to protect against theft of valuable goods and gourmet food
- **Sanitary facilities:** to prevent and solve cases involving violence, vandalism or drug use

1 x IOZ-408BV
2 x IOC-2812DV



Home Security Systems

The COMFORT Line is a perfect start to IP-based video surveillance of detached and semi-detached houses or freehold flats.

Modern video surveillance also becomes more and more popular for private households due to a convenient and easy-to-use technology, an easy installation and cost-effective set solutions.

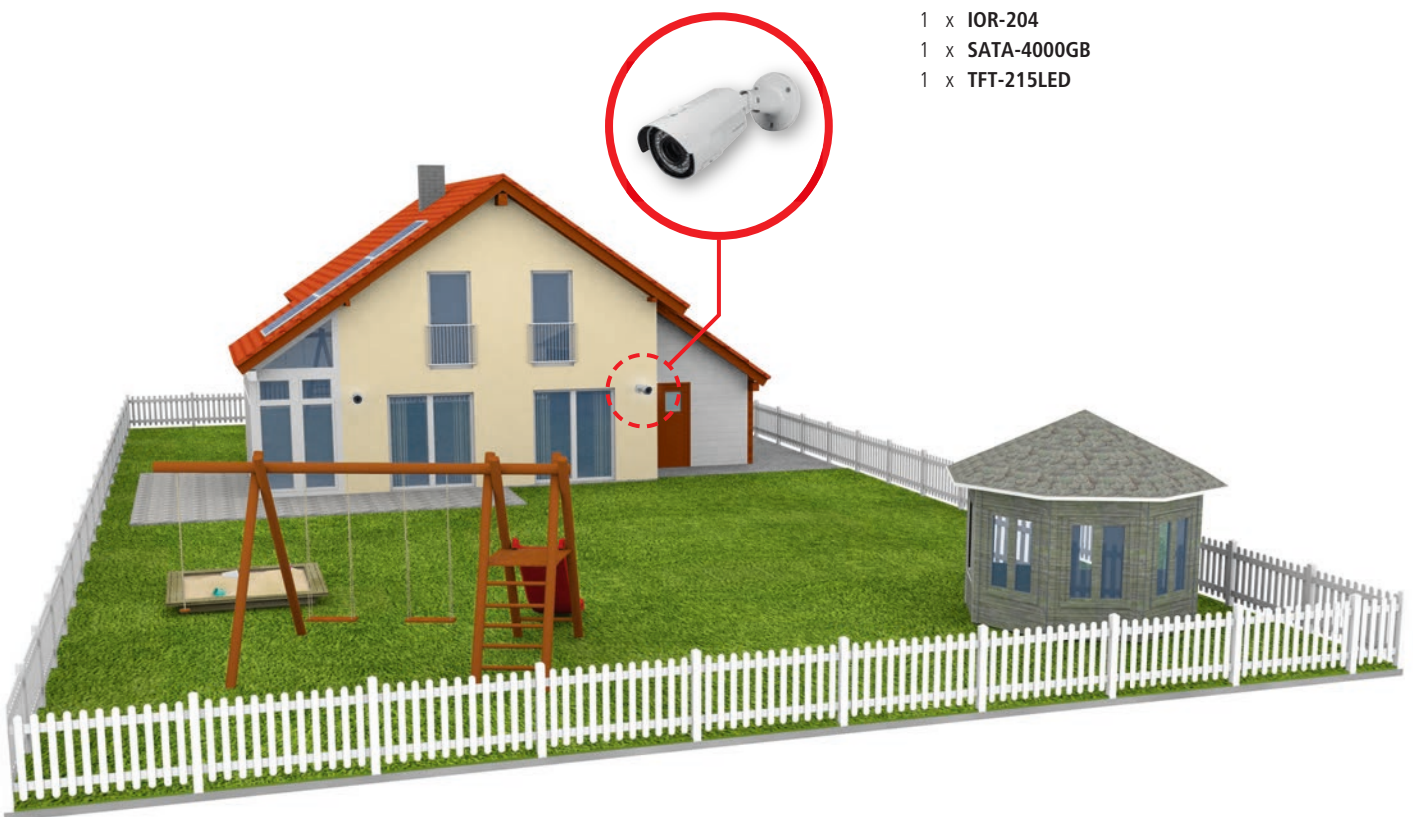


Home Security Systems

Areas to be secured at private properties:

- **Entrance area:** who is standing in front of the door? Who is bothering the owners at the door? These questions, together with the deterring effect it has on intruders, are valuable reasons for surveillance in this area
- **Living area:** to prevent and resolve thefts or to provide support when caring for close relatives
- **Outdoors:** to deter criminals and to protect against theft and vandalism, even in areas difficult to observe. To solve crimes
- **Garage, carport and basement:** theft of cars, car parts or expensive tools is continuously increasing. A skilfully placed surveillance systems can act as an effective deterrent

4 x IOC-2812BV
1 x IOR-204
1 x SATA-4000GB
1 x TFT-215LED



TVI to HDMI™ Adapter

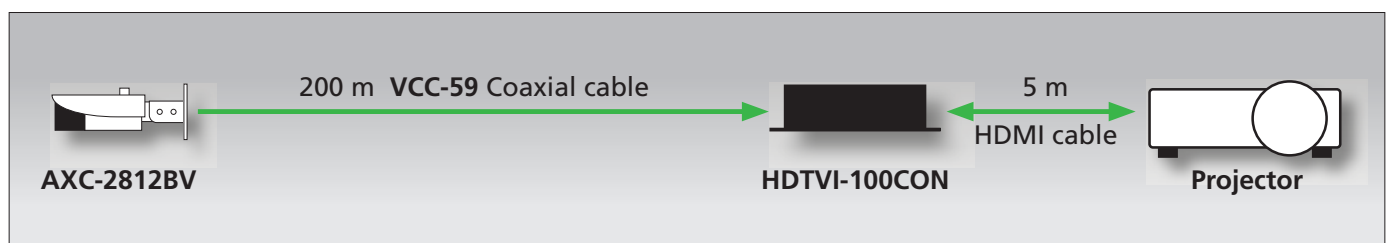
Quite often, the task requires transmitting an event into a different room, e.g. a football match is to be shown in the club house or a service should additionally be seen in the community hall.

To perform this task, we can use modern surveillance cameras. With full HD resolution, TVI cameras perfectly match the current AV technology. Long-distance transmission is also possible with those cameras. Thus, it allows you to use video cables with a length of 200 to 300 m.

It is quite a challenge to adapt various video formats. The cameras are transmitting a TVI signal, whereas projectors or big-screen TV sets expect a HDMI™ signal.

With the adapter **HDTVI-100CON**, MONACOR provides the perfect solution.

The adapter allows you to convert the TVI signal into a HDMI™ signal without any loss which makes it child's play to connect the two worlds.



IOZ-408DV

Order No. 18.9180



COMFORT Line video surveillance set, consisting of COMFORT Line 8-channel network video recorder IOR-208 and 4 x COMFORT Line 3 megapixel network colour dome camera IOC-2812DV.

COMFORT Line 8-channel network video recorder IOR-208

- Including 2 TB hard disk (SATA)
- Video compression for recordings: H.264, H.265
- Linux operating system for maximum reliability
- Automatic camera identification due to UPnP protocol
- Supports PTZ cameras
- 8 x alarm input, 1 x alarm output
- 1 x audio input, 1 x audio output
- Power is provided via enclosed power supply
- Supplied with infrared remote control, USB mouse and software package

4 x COMFORT Line 3 megapixel network colour dome camera IOC-2812DV

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2048 x 1536 pixels max.
- Due to 40 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 40 m, with optimum reflection)
- Power is provided via optional power supply (PSS-1250DC) or via Power over Ethernet (PoE)
- Supplied with 4 x 20 m Cat. 5e network cable

For further specifications, please refer to the individual items.

Built-in hard disk.

Remote access possible via smartphone apps (RXCamView) for various systems. Please read the notes under Service/Downloads at www.monacor-international.com.

**IOZ-408BV**

Order No. 18.9170



COMFORT Line video surveillance set, consisting of COMFORT Line 8-channel network video recorder IOR-208 and 4 x COMFORT Line 3 megapixel network colour camera IOC-2812BV.

COMFORT Line 8-channel network video recorder IOR-208

- Including 2 TB hard disk (SATA)
- Video compression for recordings: H.264, H.265
- Linux operating system for maximum reliability
- Automatic camera identification due to UPnP protocol
- Supports PTZ cameras
- 8 x alarm input, 1 x alarm output
- 1 x audio input, 1 x audio output
- Power is provided via enclosed power supply
- Supplied with infrared remote control, USB mouse and software package

4 x COMFORT Line 3 megapixel network colour camera

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2048 x 1536 pixels max.
- Due to 42 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30 m, with optimum reflection)
- Power is provided via optional power supply (PSS-1250DC) or via Power over Ethernet (PoE)
- Supplied with 4 x 20 m Cat. 5e network cable



COMFORT Line

IOZ-204DV

Order No. 18.9160



COMFORT Line video surveillance set, consisting of COMFORT Line 4-channel network video recorder IOR-204 and 2 x COMFORT Line 3 megapixel network colour dome camera IOC-2812DV.

COMFORT Line 4-channel network video recorder IOR-204

- Including 2 TB hard disk (SATA)
- Video compression for recordings: H.264, H.265
- Linux operating system for maximum operating reliability
- Automatic camera identification due to UPnP protocol
- Supports PTZ cameras
- 4 x alarm input, 1 x alarm output
- 1 x audio input, 1 x audio output
- Power is provided via enclosed power supply
- Supplied with infrared remote control, USB mouse and software package

2 x COMFORT Line 3 megapixel network colour dome camera IOC-2812DV

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2048 x 1536 pixels max.
- Due to 40 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 40 m, with optimum reflection)
- Power is provided via optional power supply (PSS-1250DC) or via Power over Ethernet (PoE)
- Supplied with 2 x 20 m Cat. 5e network cable



IOZ-204BV

Order No. 18.9150



COMFORT Line video surveillance set, consisting of COMFORT Line 4-channel network video recorder IOR-204 and 2 x COMFORT Line 3 megapixel network colour camera IOC-2812BV.

COMFORT Line 4-channel network video recorder IOR-204

- Including 2 TB hard disk (SATA)
- Video compression for recordings: H.264, H.265
- Linux operating system for maximum operating reliability
- Automatic camera identification due to UPnP protocol
- Supports PTZ cameras
- 4 x alarm input, 1 x alarm output
- 1 x audio input, 1 x audio output
- Power is provided via enclosed power supply
- Supplied with infrared remote control, USB mouse and software package

2 x COMFORT Line 3 megapixel network colour camera IOC-2812BV

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2048 x 1536 pixels max.
- Due to 42 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30 m, with optimum reflection)
- Power is provided via optional power supply (PSS-1250DC) or via Power over Ethernet (PoE)
- Supplied with 2 x 20 m Cat. 5e network cable



IOR-208

Order No. 18.9140

**COMFORT Line 8-channel network video recorder**

- Video compression for recordings: H.264, H.265
- Bandwidth: 60 Mbps
- Linux operating system for maximum operating reliability
- Automatic camera identification due to UPnP protocol
- Supports PTZ cameras
- Synchronised audio and video recordings
- 4 different user access levels can be set up
- Mobile Client for iPhone, iPad, Android
- E-MAP for indicating camera positions

- Dual streaming for bandwidth management
- Log system for logging status of the system, camera and access
- Digital PTZ and multi-window display
- Intelligent search function, search for distant or foreign objects, general movements, loss of focus, concealed camera
- Data export possible as image file (BMP, JPG), video file (ASF, AVI) or backup file (DAT)
- Automatic backup via FTP

**IOR-204**

Order No. 18.9130

**COMFORT Line 4-channel network video recorder**

- Video compression for recordings: H.264, H.265
- Bandwidth: 40 Mbps
- Linux operating system for maximum operating reliability
- Automatic camera identification due to UPnP protocol
- Supports PTZ cameras
- Synchronised audio and video recordings
- 4 different user access levels can be set up
- Mobile Client for iPhone, iPad, Android
- E-MAP for indicating camera positions

- Dual streaming for bandwidth management
- Log system for logging status of the system, camera and access
- Digital PTZ and multi-window display
- Intelligent search function, search for distant and foreign objects, general movements, loss of focus, concealed camera
- Data exports possible as image file (BMP, JPG), video file (ASF, AVI) or backup file (DAT)
- Automatic backup via FTP



Model	IOR-208	IOR-204
Video inputs	8 IP-based video channels, 8 x RJ45, LAN with PoE	4 IP-based video channels, 4 x RJ45, LAN with PoE
Video outputs	HDMI™, VGA	HDMI™, VGA
Audio inputs	1	1
Audio outputs	1	1
Resolution	3840 x 2160 pixels max.	3840 x 2160 pixels max.
Video compression	H.264, H.265	H.264, H.265
Recording	120 images/s max.	120 images/s max.
Menu adjustments	on-screen menu (OSD)	on-screen menu (OSD)
Recording mode	alarm, motion-triggered, continuous recording, digital input, manual, timer	alarm, motion-triggered, continuous recording, digital input, manual, timer
Alarm inputs	8	4
Alarm outputs	1	1
Interfaces	1 x RJ45 (10/100 Mbps) 3 x USB 2.0	1 x RJ45 (10/100 Mbps) 3 x USB 2.0
Hard disks	optional, up to 1 x SATA II, 6 TB max.	optional, up to 1 x SATA II, 6 TB max.
Power supply	via encl. power supply	via encl. power supply
Admiss. ambient temp.	0-40 °C	0-40 °C
Dimensions	300 x 53 x 227 mm	300 x 53 x 227 mm
Weight	900 g	750 g

COMFORT Line

IOC-2812BV

Order No. 18.9110



COMFORT Line 3 megapixel network colour camera

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2048 x 1536 pixels max.
- Due to 42 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30 m, with optimum reflection)
- Power supply via optional power supply (PSS-1210DC) or via Power over Ethernet (PoE)

Compatible with COMFORT Line network video recorders IOR-204, IOR-208 and IOR-232POE, ONVIF.

Model	IOC-2812BV
Image sensor	8.76 mm (1/2.9") CMOS
Number of pixels	2048 x 1536 pixels max.
Resolution	3 MP
Lens	2.8-12 mm/1:1.2
Min. illumination	0 lx with IR illumination
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	= 12 V/1 A or PoE
Admiss. ambient temp.	-20+50 °C
Weight	670 g
Other features	IP66, IR LED, AGC, AWB, DWDR
Ethernet	RJ45, 10/100 Mbps



IOC-2812DV

Order No. 18.9120



COMFORT Line 3 megapixel network colour dome camera

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2048 x 1536 pixels max.
- Due to 40 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 40 m, with optimum reflection)
- Power supply via optional power supply (PSS-1210DC) or via Power over Ethernet (PoE)

Compatible with COMFORT Line network video recorders IOR-204, IOR-208 and IOR-232POE, ONVIF.

Model	IOC-2812DV
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	2048 x 1536 pixels max.
Resolution	3 MP
Lens	2.8-12 mm/1:1.2
Min. illumination	0 lx with IR illumination
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	= 12 V/1 A or PoE
Admiss. ambient temp.	-10+50 °C
Weight	760 g
Other features	IP66, IR LED, AGC, AWB, DWDR
Ethernet	RJ45, 10/100 Mbps



IOH-2812BD

Order No. 18.9949



Camera mount, for COMFORT Line 3 megapixel network colour cameras IOC-2812BV and IOC-2812DV.

- For outdoor wall mounting and ceiling suspension
- Inside cable routing
- Aluminium version
- Dimensions: Ø 147 mm x 59 mm
- Supplied with mounting accessories



The PROJECT Line from MONACOR

Video surveillance for ambitious projects

The PROJECT line provides comprehensive solutions for ambitious projects. For professional installers and anyone planning a project, this range also includes products for more complex applications using the IP network, e.g. surveillance of commercial and industrial premises. Due to the superior image quality with a resolution of 1080p or higher, it perfectly meets all the requirements.

The network video recorders for decentralised use facilitate recording considerably. They are able to record signals from more than 2,000 different types of cameras from various manufacturers. Some types of camera can also be integrated into a website (streaming). An access via browser or app is, of course, possible, too.

The PROJECT Line from MONACOR is complemented by additional special cameras from the brand EverFocus, e.g. PTZ high-speed dome camera with perfect panorama view.

Video Surveillance in a DIY Store

In DIY stores, there are various areas to be monitored. Detailed recordings of superior quality guarantee a higher crime detection rate. With our system, we are able to provide you with a tailor-made solution to meet your requirements and thus, protect your business against possible damage.

Areas to be secured:

- **Entrance and exit areas:** to identify people (e.g. if banned from the premises), to deter criminals
- **Indoors:** key area of video surveillance, particularly for expensive products or small items in areas difficult to see
- **Checkout area:** to prevent and solve cases involving manipulation and theft
- **Sales area:** to protect against theft and vandalism
- **Storeroom:** to protect against theft
- **Outdoors:** outdoor sales area, car park, delivery of goods, collection of goods, to protect against theft, e.g. of advertising signs or goods, to solve cases involving violence or vandalism

- 1 x NWR-3216POE
- 4 x SATA-6000GB
- 6 x INC-4036DW
- 15 x INC-4312BVM
- 11 x INC-4312BBVM
- 1 x TFT-275LED
- 3 x TPE-TG80G



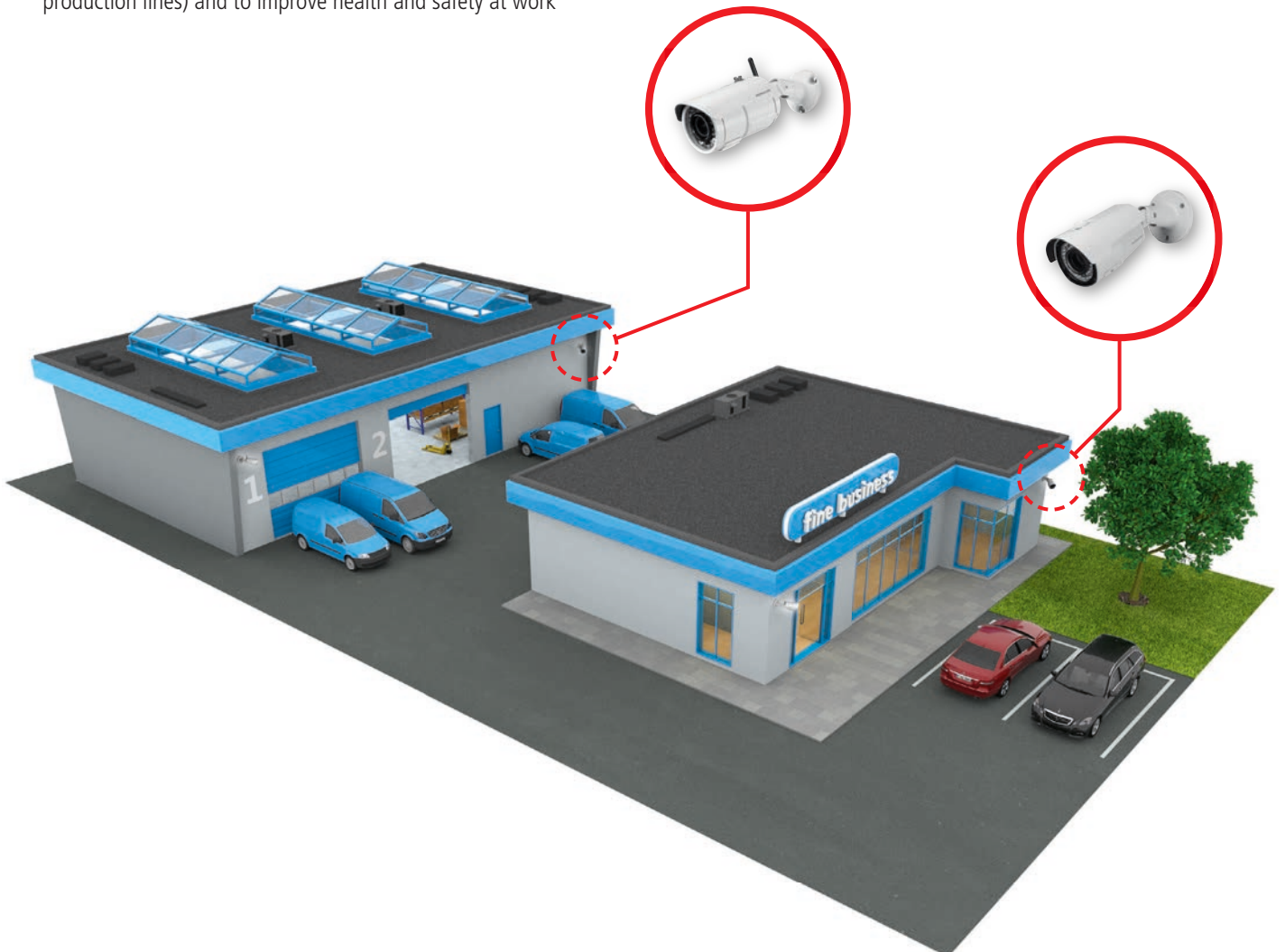
Protection of Industrial or Commercial Properties

With industrial or commercial properties, there are generally high values to be protected - both material and immaterial assets. Crime is constantly rising here, too. There are various areas to be secured: entrance area, driveway of the premises, car park, workshops, loading ramps or the outer fence. No matter whether by LAN or WLAN connection, there are various requirements to be met in each area.

Areas to be secured:

- **Outdoor areas:** to identify people, access control, to deter criminals (intrusion or espionage), to solve cases involving vandalism in parking lots
- **Indoors:** to protect trade secrets, to prevent theft in warehouses or offices
- **Work processes:** to optimise and monitor work processes (e.g. in production lines) and to improve health and safety at work

- 1 x **IOR-204**
- 1 x **SATA-4000GB**
- 1 x **TFT-215LED**
- 2 x **IOC-2812BV**
- 2 x **INC-4312BW**
- 1 x **PSS-1210DC**
- 1 x **WLAN router** (not incl. in our product range)



NWR-3216POE

Order No. 18.0107

**PROJECT Line 32-channel network video recorder**

- Video compression for recordings: H.264, H.265
- Bandwidth: 320 Mbps
- Linux operating system for maximum operating reliability
- Automatic camera identification due to UPnP protocol
- P2P communication (peer-to-peer)
- Supports PTZ cameras
- Synchronised audio and video recordings
- 4 different user access levels can be set up
- Mobile Client for iPhone, iPad, Android

- E-MAP for indicating camera positions
- Dual streaming for bandwidth management
- Log system for logging status of the system, camera and access
- 16 x alarm input, 1 x alarm output
- 1 x audio input, 1 x audio output
- 16 x PoE output for power supply of the cameras

Supplied w/o hard disks. Matching SATA hard disks are available at option.

**NWR-1608POE**

Order No. 18.0001

**PROJECT Line 16-channel network video recorder**

- Video compression for recordings: H.264, H.265
- Bandwidth: 320 Mbps
- Linux operating system for maximum operating reliability
- Automatic camera identification due to UPnP protocol
- P2P communication (peer-to-peer)
- Supports PTZ cameras
- Synchronised audio and video recordings
- 4 different user access levels can be set up
- Mobile Client for iPhone, iPad, Android

- E-MAP for indicating camera positions
- Dual streaming for bandwidth management
- Log system for logging status of the system, camera and access
- 8 x alarm input, 1 x alarm output
- 1 x audio input, 1 x audio output
- 8 x PoE output for power supply of the cameras

Supplied w/o hard disks. Matching SATA hard disks are available at option.

**NWR-801POE**

Order No. 18.0002

**PROJECT Line 8-channel network video recorder**

- Video compression for recordings: H.264, H.265
- Bandwidth: 128 Mbps
- Linux operating system for maximum operating reliability
- Automatic camera identification due to UPnP protocol
- P2P communication (peer-to-peer)
- Supports PTZ cameras
- Synchronised audio and video recordings
- 4 different user access levels can be set up
- Mobile Client for iPhone, iPad, Android

- E-MAP for indicating camera positions
- Dual streaming for bandwidth management
- Log system for logging status of the system, camera and access
- 8 x alarm input, 1 x alarm output
- 1 x audio input, 1 x audio output
- 8 x PoE output for power supply of the cameras

Supplied w/o hard disk. Matching SATA hard disk is available at option.
Almost silent operation due to fanless cooling concept.



Model	NWR-3216POE	NWR-1608POE	NWR-801POE
Video inputs	32 IP-based video channels, of which 16 x RJ45, LAN with PoE	8 IP-based video channels and 8 x RJ45, LAN with PoE	8 IP-based video channels, of which 8 x RJ45, LAN with PoE
Video outputs	HDMI™, VGA	HDMI™, VGA	HDMI™, VGA
Audio inputs	1	1	1
Audio outputs	1	1	1
Resolution	3840 x 2160 pixels max.	3840 x 2160 pixels max.	3840 x 2160 pixels max.
Video compression	H.264, H.265	H.264, H.265	H.264, H.265
Recording	dep. on the resolution of the connected camera	dep. on the resolution of the connected cameras	dep. on the resolution of the connected camera
Menu adjustments	on-screen menu (OSD)	on-screen menu (OSD)	on-screen menu (OSD)
Recording mode	alarm, motion detector, continuous recording, digital input, manual, timer	alarm, motion detector, continuous recording, digital input, manual, timer	alarm, motion detector, continuous recording, digital input, manual, timer
Alarm inputs	16	8	8
Alarm outputs	1	1	1
Interfaces	1 x RJ45 (10/100 Mbps) 3 x USB 2.0 1 x eSATA	1 x RJ45 (10/100 Mbps) 1 x USB 3.0 2 x USB 2.0 1 x eSATA	1 x RJ45 (10/100 Mbps) 1 x USB 3.0 2 x USB 2.0 1 x eSATA
Hard disks	optional, up to 4 x SATA II, 6 TB max.	optional, up to 4 x SATA II, 6 TB max.	optional, up to 1 x SATA II, 8 TB max.
Power supply	~ 230 V/50 Hz/500 VA	~ 230 V/50 Hz/250 VA	via encl. power supply
Admiss. ambient temp.	0-40 °C	0-40 °C	0-40 °C
Dimensions	360 x 53 x 330 mm	378 x 66 x 326 mm	300 x 53 x 227 mm
Weight	3 kg	2 kg	0.9 kg

INC-4212BWM

Order No. 18.4940



PROJECT Line 4 megapixel network colour

camera, with integrated micro SD card recorder, day/night function, webserver and WLAN 802.11b/g/n.

- Weatherproof outdoor housing
- Motorised zoom lens (2.8-12 mm)
- Viewing angle: 34-100°
- Due to 30 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30 m, with optimum reflection)
- Image compression: H.264, MJPEG
- 30 fps max. with 2688 x 1520 pixels

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4212BWM
Image sensor	8.5 mm (1/4") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8-12 mm/1:1.4
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Webserver	integrated
Video streaming	triple
Power supply	via encl. power supply
Admiss. ambient temp.	-20+60 °C
Weight	781 g
Other features	IP66 1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps and WLAN
Audio	1 x 3.5 mm jack (in/out)



INC-4312BW

Order No. 18.4960



PROJECT Line 4 megapixel network colour

camera, with integrated micro SD card recorder, day/night function, webserver and WLAN 802.11b/g/n.

- Weatherproof outdoor housing
- Zoom lens: 2.8-12 mm
- Viewing angle: 34-100°
- Due to 30 infrared LEDs, suitable for application in the dark
- Image compression: H.264, MJPEG
- 30 fps max. with 2688 x 1520 pixels

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4312BW
Image sensor	8.5 mm (1/4") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8-12 mm/1:1.4
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Webserver	integrated
Video streaming	triple
Power supply	via encl. power supply
Admiss. ambient temp.	-10+45 °C
Weight	790 g
Other features	IP66 1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps and WLAN
Audio	1 x 3.5 mm jack (in/out)



INC-4312BBVM

Order No. 18.0122



PROJECT Line 4 megapixel network colour

camera, with integrated micro SD card recorder, webserver and professional day/night function.

- Weatherproof outdoor housing
- Motorised zoom lens (2.7-12 mm)
- Viewing angle: 35-95°
- Due to 8 super-bright LEDs, suitable for application in the dark, IR operating range: 50 m, with optimum reflection
- Integrated micro SD card recorder (for media up to 128 GB, not supplied)
- Image compression: H.265, H.264, MJPEG
- Video motion detector function
- Power is provided via Power over Ethernet (PoE) or via optional power supply
- Supplied with wall bracket

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4312BBVM
Image sensor	8.5 mm (1/4") CMOS, progressive scan
Number of pixels	2592 x 1520 pixels max.
Resolution	4 MP
Lens	2.7-12 mm/1:1.2
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Webserver	integrated
Video streaming	triple
Power supply	PoE or = 12 V/700 mA
Admiss. ambient temp.	-30+60 °C
Weight	1.56 kg
Other features	1 x alarm input, 1 x alarm output
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in/out)
Video	BNC (test output)



INC-4312BVM

Order No. 18.0124

**PROJECT Line 4 megapixel network colour**

camera, with integrated micro SD card recorder, webserver and professional day/night function.

- Weatherproof outdoor housing
- Motorised zoom lens (2.7-12 mm)
- Viewing angle: 35-95°
- Due to 10 super-bright LEDs, suitable for application in the dark, IR operating range: 30 m, with optimum reflection
- Integrated micro SD card recorder (for media up to 128 GB, not supplied)
- Image compression: H.265, H.264, MJPEG
- Video motion detector function
- Power is provided via Power over Ethernet (PoE) or via optional power supply
- Supplied with wall bracket

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4312BVM
Image sensor	8.5 mm (1/2") CMOS, progressive scan
Number of pixels	2592 x 1520 pixels max.
Resolution	4 MP
Lens	2.7-12 mm/1:1.2
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Webserver	integrated
Video streaming	triple
Power supply	PoE or = 12 V/460 mA
Admiss. ambient temp.	-30+60 °C
Weight	810 g
Other features	IP67, IR LED, WDR, 3D DNR
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in/out)
Video	BNC (test output)

**INC-4312BV**

Order No. 18.4950

**PROJECT Line 4 megapixel network colour**

camera, with integrated micro SD card recorder, day/night function and webserver.

- Weatherproof outdoor housing
- Zoom lens: 2.8-12 mm/1:1.4
- Viewing angle: 34-100°
- Due to 30 infrared LEDs, suitable for application in the dark
- Image compression: H.264, MJPEG
- 30 fps max. with 2688 x 1520 pixels

Model	INC-4312BV
Image sensor	8.5 mm (1/2") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8-12 mm/1:1.4
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Webserver	integrated
Video streaming	triple
Power supply	= 12 V/500 mA or PoE
Admiss. ambient temp.	-10+45 °C
Weight	710 g
Other features	IP66 1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps
Audio	1 x 3.5 mm jack (in/out)

**INC-4036BF**

Order No. 18.0128

**PROJECT Line 4 megapixel network colour**

camera, with integrated webserver and professional day/night function.

- Weatherproof outdoor housing
- Fixed-focus lens (3.6 mm)
- Viewing angle: 85°
- Due to 2 super-bright LEDs, suitable for application in the dark, IR operating range: 30 m, with optimum reflection
- Image compression: H.265, H.264, MJPEG
- Video motion detector function
- Power is provided via Power over Ethernet (PoE) or via optional power supply
- Supplied with wall bracket

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4036BF
Image sensor	8.5 mm (1/2") CMOS, progressive scan
Number of pixels	2592 x 1520 pixels max.
Resolution	4 MP
Lens	3.6 mm/1:1.2
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Webserver	integrated
Video streaming	triple
Power supply	PoE or = 12 V/420 mA
Admiss. ambient temp.	-30+60 °C
Weight	470 g
Other features	IP67, IR LED, WDR, 3D DNR
Ethernet	RJ45, 10/100 Mbps



PROJECT Line

INC-4000BX

Order No. 18.0127



PROJECT Line 4 megapixel network colour

camera, with integrated micro SD recorder, wide dynamic range function and day/night function.

- Viewing angle: 53-135° with VGM-288ASIR, 9-53° with VGM-850ASIR
- CS mount thread
- Connection for DC-controlled lenses
- Image compression: H.265, H.264, MJPEG
- Integrated micro SD card recorder (for media up to 128 GB, not supplied)
- Alarm input and alarm output
- Audio input and audio output
- Power is provided via Power over Ethernet (PoE) or optional power supply
- Supplied with wall bracket

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4000BX
Image sensor	8.5 mm (1/4") CMOS, progressive scan
Number of pixels	2592 x 1520 pixels max.
Resolution	4 MP
Lens	not supplied
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Websserver	integrated
Video streaming	triple
Power supply	PoE or = 12 V/300 mA
Admiss. ambient temp.	-10+50 °C
Weight	405 g
Other features	1 x alarm input, 1 x alarm output
Ethernet	RJ45, 10/100 Mbps
Audio	2 x 3.5 mm jack (in/out)
Video	BNC



INC-5360DF

Order No. 18.0123



PROJECT Line 5 megapixel fisheye network

camera, with 360° panorama view and professional day/night function.

- Fisheye lens (1.5 mm)
- Due to 3 super-bright LEDs, suitable for application in the dark, IR operating range: 10 m with optimum reflection
- Integrated micro SD card recorder (for media up to 128 GB, not supplied)
- Image compression: H.265, H.264, MJPEG
- Video motion detector function
- Power is provided via Power over Ethernet (PoE) or via optional power supply

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-5360DF
Image sensor	12.7 mm (1/2.5") CMOS, progressive scan
Number of pixels	2560 x 1920 pixels max.
Resolution	5 MP
Lens	1.5 mm/1:1.2
Min. illumination	0.1 lx (colour) 0 lx (B/W)
Websserver	integrated
Video streaming	dual
Power supply	PoE or = 12 V/700 mA
Admiss. ambient temp.	-10+50 °C
Weight	420 g
Other features	IR LED, WDR, 3D DNR
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in/out)



INC-4312BDVM

Order No. 18.0125



PROJECT Line 4 megapixel network colour dome

camera, with integrated micro SD card recorder, webserver and professional day/night function.

- Weatherproof outdoor housing
- Motorised zoom lens (2.7-12 mm)
- Viewing angle: 35-95°
- Due to 15 super-bright LEDs, suitable for application in the dark, IR operating range: 30 m, with optimum reflection
- Integrated micro SD card recorder (for media up to 128 GB, not supplied)
- Image compression: H.265, H.264, MJPEG
- Video motion detector function
- Power is provided via Power over Ethernet (PoE) or via optional power supply

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4312BDVM
Image sensor	8.5 mm (1/4") CMOS, progressive scan
Number of pixels	2592 x 1520 pixels max.
Resolution	4 MP
Lens	2.7-12 mm/1:1.2
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Websserver	integrated
Video streaming	triple
Power supply	PoE or = 12 V/420 mA
Admiss. ambient temp.	-30+60 °C
Weight	875 g
Other features	1 x alarm input, 1 x alarm output
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in/out)
Video	BNC (test output)



INC-4036MDVP

Order No. 18.0129



PROJECT Line 4 megapixel network mini colour dome camera, with integrated micro SD card recorder, webservice and professional day/night function.

- Vandal-resistant outdoor housing
- Fixed-focus lens (2.8 mm)
- Viewing angle: 90°
- Due to 1 super-bright LED, suitable for application in the dark, IR operating range: 10 m, with optimum reflection
- Integrated micro SD card recorder (for media up to 128 GB, not supplied)
- Image compression: H.265, H.264, MJPEG
- Video motion detector function
- Power is provided via Power over Ethernet (PoE) or via optional power supply

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4036MDVP
Image sensor	8.5 mm (1/4") CMOS, progressive scan
Number of pixels	2592 x 1520 pixels max.
Resolution	4 MP
Lens	2.8 mm/1:1.2
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Websserver	integrated
Video streaming	triple
Power supply	PoE or = 12 V/420 mA
Admiss. ambient temp.	-30+60 °C
Weight	340 g
Other features	IP66, IR LED, WDR, 3D DNR
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in/out)
Video	BNC (test output)

**INC-4036DW**

Order No. 18.4930



PROJECT Line 4 megapixel network mini colour dome camera, with integrated micro SD card recorder, day/night function, webservice and WLAN 802.11b/g/n.

- Fixed-focus lens (2.8 mm)
- Viewing angle: 110°
- Due to 6 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 5 m, with optimum reflection)
- Integrated micro SD card slot (for media up to 64 GB, not supplied)
- Privacy masking function, 3 zones
- Video motion detector function, 3 zones

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4036DW
Image sensor	8.5 mm (1/4") CMOS, 4 megapixels
Number of pixels	2688 x 1520 pixels max.
Resolution	4 MP
Lens	2.8 mm/1:2.0
Min. illumination	0.08 lx (colour), 0.03 lx (B/W)
Websserver	integrated
Video streaming	triple
Power supply	via encl. power supply or PoE
Admiss. ambient temp.	0-45 °C
Weight	270 g
Other features	1 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps and WLAN
Audio	integrated microphone

**INC-4036DF**

Order No. 18.0126



PROJECT Line 4 megapixel network colour dome camera, with integrated webservice and professional day/night function.

- Weatherproof outdoor housing
- Fixed-focus lens (2.8 mm)
- Viewing angle: 90°
- Due to 2 super-bright LEDs, suitable for application in the dark, IR operating range: 20 m, with optimum reflection
- Image compression: H.265, H.264, MJPEG
- Video motion detector function
- Power is provided via Power over Ethernet (PoE) or via optional power supply

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-4036DF
Image sensor	8.5 mm (1/4") CMOS, progressive scan
Number of pixels	2592 x 1520 pixels max.
Resolution	4 MP
Lens	2.8 mm/1:1.2
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Websserver	integrated
Video streaming	triple
Power supply	PoE or = 12 V/600 mA
Admiss. ambient temp.	-30+60 °C
Weight	375 g
Other features	IP67, IR LED, WDR, 3D DNR
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in/out)



PROJECT Line

INC-2622BV

Order No. 18.4710



PROJECT Line 2 megapixel network colour camera, wide focal length range.

- Zoom lens (6-22 mm), DC-controlled iris
- Viewing angle: 11.4-46.5°
- Due to 17 infrared LEDs (5 of which are super-bright LEDs), suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 30-40 m, with optimum reflection)
- Digital noise reduction (DNR) for saving hard disk capacities when recording with digital recorders
- Integrated micro SD card slot (for media up to 32 GB, not supplied)
- Integrated video motion detector
- On-screen menu control (OSD)
- Sunshield, wall bracket and 0.7 m connection cable

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2622BV
Image sensor	8.76 mm (1/2.9") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	6-22 mm/1:1.4
Min. illumination	0.01 lx (w/o IR illumination)
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	= 12 V/400 mA or PoE
Admiss. ambient temp.	-30+50 °C
Weight	1.8 kg
Other features	IP66, AGC, BLC, FLK, suit. for IR
Ethernet	RJ45, 10/100 Mbps
Video	1 x BNC (out)



INC-2812BV

Order No. 18.4720



PROJECT Line 2 megapixel network colour camera

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2 megapixels
- Due to 10 infrared LEDs, suit. for application in the dark. For this purpose, camera switches to B/W operation (IR operating range: 20 m, with optimum reflection)
- Integrated micro SD card slot (for media up to 32 GB, not supplied)
- Power is provided via optional power supply (PSS-1230DC, PS-120WP) or via Power over Ethernet (PoE)

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2812BV
Image sensor	8.76 mm (1/2.9") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	2.8-12 mm/1:1.2
Min. illumination	0 lx with IR illumination
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	= 12 V/1 A or PoE
Admiss. ambient temp.	-20+50 °C
Weight	780 g
Other features	IP66, IR LED, AGC, AWB, DNR
Ethernet	RJ45, 10/100 Mbps
Video	1 x BNC (out)



INC-2036BF

Order No. 18.4680



PROJECT Line 2 megapixel network colour camera, with integrated webserver and professional day/night function.

- Weatherproof outdoor housing
 - Fixed-focus lens (3.6 mm)
 - Viewing angle: 75°
 - Due to 2 super-bright LEDs, suitable for application in the dark, IR operating range: 20-30 m, with optimum reflection
 - Image compression: H.264, MJPEG
 - Video motion detector function
 - Power is provided via optional power supply (PSS-1210DC) or via Power over Ethernet (PoE)
 - Supplied with wall bracket
 - Recording software available in the download area
- Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2036BF
Image sensor	CMOS, 2 megapixels
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	3.6 mm/1:1.8
Min. illumination	0.2 lx (with IR illumination)
Webserver	integrated
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	= 12 V/1 A or PoE
Admiss. ambient temp.	-10+50 °C
Weight	480 g
Other features	IP66
Ethernet	RJ45, 10/100 Mbps



INC-2000BX

Order No. 18.4670



PROJECT Line 2 megapixel network colour camera, with wide dynamic range function and professional day/night function.

- Viewing angle: 53-135° with VGM-288ASIR, 9.5-53° with VGM-850ASIR
- C/CS mount thread
- Connection for DC lenses
- Integrated microphone
- Integrated micro SD card slot (for media up to 32 GB, not supplied)
- Power is provided via optional power supply (PSS-1210DC) or via Power over Ethernet (PoE)

Model	INC-2000BX
Image sensor	8.76 mm (1/2.9") CMOS
Number of pixels	1920 x 1080 pixels max.
Lens	not supplied
Min. illumination	0.05 lx (colour), 0.01 lx (B/W)
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	≈ 12 V/300 mA, ~ 24 V/150 mA or PoE
Admiss. ambient temp.	-10+50 °C
Weight	360 g
Other features	AGC, BLC, 3D DNR
Ethernet	RJ45, 10/100 Mbps
Audio	1 channel (in/out)
Video	1 x BNC (out)

**INC-2812DV**

Order No. 18.4730



PROJECT Line 2 megapixel network colour dome camera

- Weatherproof outdoor housing
- Zoom lens (2.8-12 mm)
- Viewing angle: 35-89°
- Resolution: 2 megapixels
- Due to 24 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 20-30 m, with optimum reflection)
- Integrated micro SD card slot (for media up to 32 GB, not supplied)
- Power is provided via optional power supply (PSS-1210DC, PS-120WP) or via Power over Ethernet (PoE)

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2812DV
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	2.8-12 mm/1:1.2
Min. illumination	0 lx with IR illumination
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	≈ 12 V/1 A or PoE
Admiss. ambient temp.	-10+50 °C
Weight	940 g
Other features	IP66, IR LED, AGC, AWB, DNR
Ethernet	RJ45, 10/100 Mbps

**INC-2036DM**

Order No. 18.4700



PROJECT Line 2 megapixel network mini colour dome camera

- Weatherproof outdoor housing
- Fixed-focus lens (3.6 mm)
- Viewing angle: 75°
- Resolution: 2 megapixels
- Due to 1 super-bright LED, suitable for application in the dark, operating range: 5 m, with optimum reflection
- Integrated micro SD card slot (for media up to 32 GB, not supplied)
- Power is provided via optional power supply (PSS-1210DC) or via Power over Ethernet (PoE)

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2036DM
Image sensor	8.5 mm (1/3") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	3.6 mm/1:1.2
Min. illumination	0 lx with IR illumination
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	≈ 12 V/1 A or PoE
Admiss. ambient temp.	-20+50 °C
Weight	350 g
Other features	IP66, IR LED, AGC, AWB, DNR
Ethernet	RJ45, 10/100 Mbps



PROJECT Line

INC-2036DF

Order No. 18.4690



PROJECT Line 2 megapixel network colour dome camera

- Weatherproof outdoor housing
- Fixed-focus lens (3.6 mm)
- Viewing angle: 75°
- Resolution: 2 megapixels
- Due to 24 infrared LEDs, suit. for application in the dark. For this purpose, camera switches to B/W operation (IR operating range: 10-20 m, with optimum reflection)
- Power is provided via optional power supply (PSS-1210DC) or via Power over Ethernet (PoE)

Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2036DF
Image sensor	8.5 mm (1/2") CMOS
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	3.6 mm/1:1.2
Min. illumination	0 lx with IR illumination
Video streaming	mainstream: 500-12,000 kbps, substream: 100-6,000 kbps
Power supply	= 12 V/350 mA or PoE
Admiss. ambient temp.	-10-+50 °C
Weight	410 g
Other features	IP66, IR LED, AGC, AWB, DNR
Ethernet	RJ45, 10/100 Mbps



INC-2037PHC

Order No. 18.9932



PROJECT Line 2 megapixel modular network colour camera, with integrated SD card recorder and webserver.

- Fixed-focus lens (3.7 mm)
- Progressive scan image sensor for images without field distortions
- Digital noise reduction (3D DNR) for improving the image quality in difficult lighting conditions and also for saving hard disk capacities when recording with digital recorders
- Due to the extended dynamic range of the wide dynamic range function (WDR), an application is also possible in unfavourable backlighting conditions
- Integrated SD card slot (for media up to 128 GB, not supplied)
- Multilingual on-screen menu control (OSD)
- Two-way audio transmission
- Supplied with camera mount
- 0.5 m connection cable for power supply, audio (3.5 mm), network (RJ45) and alarm

- Power is provided via power supply (PSS-600E), available at option
- Compatible with PROJECT Line network video recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2037PHC
Image sensor	9.07 mm (1/2.8") CMOS, 2 megapixels
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	3.7 mm/1:2.0
Min. illumination	0.05 lx (colour), 0.01 lx (B/W)
Webserver	integrated
Video streaming	dual
Power supply	= 12 V/250 mA
Admiss. ambient temp.	-10-+50 °C
Weight	180 g
Other features	2 x alarm input 1 x alarm output
Ethernet	RJ45, 10/100 Mbps
Audio	1 x 3.5 mm jack (in/out)



INC-3557PTZ

Order No. 18.4740



PROJECT Line 3 megapixel PTZ speed colour dome camera

- Maximum resolution: 2048 x 1536 pixels (25 fps max.)
- Motorised zoom lens (4.7-56.4 mm)
- Viewing angle: 8-70°
- 360° pan (endless), -10° to +90° tilt
- Pan speed: 0.01-180°/s (manual), tilt speed: 0.01-90°/s (manual)
- Due to 6 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 10-20 m, with optimum reflection)

Model	INC-3557PTZ
Image sensor	9.07 mm (1/2.8") CMOS, 3 megapixels
Number of pixels	2048 x 1536 pixels
Resolution	3 MP
Lens	4.7-56.4 mm/1:1.6-3.5, motorised zoom
Min. illumination	0 lx with IR illumination
Webserver	integrated
Video streaming	multi-stream (2048 x 1536, 25 images/s max.) 100-12,000 kbps
Power supply	= 12 V/22 W max. via optional power supply or PoE
Admiss. ambient temp.	-40-+40 °C
Weight	2.8 kg
Other features	IP66, AGC, BLC, WDR
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in), 1 x RCA (out)



INC-2722BCP

Order No. 18.0121

**PROJECT Line 2 megapixel network colour**

camera, with integrated micro SD card recorder, webserver and professional day/night function.

- For identifying number plates, supplied with software for analysing and storing
- Weatherproof outdoor housing
- Motorised zoom lens (7-22 mm)
- Viewing angle: 16.8-40.7°
- Due to 17 super-bright LEDs, suitable for application in the dark, IR operating range: 70 m, with optimum reflection
- Integrated micro SD card recorder (for media up to 64 GB, not supplied)
- Image compression: H.264, MJPEG
- Video motion detector function
- Supplied with wall bracket

Compatible with PROJECT Line network recorders NWR-801POE, NWR-1608POE and NWR-3216POE, ONVIF.

Model	INC-2722BCP
Image sensor	8.76 mm (1/2.9") CMOS, progressive scan
Number of pixels	1920 x 1080 pixels max.
Resolution	2 MP
Lens	7-22 mm/1:1.6
Min. illumination	0.01 lx (colour) 0 lx (B/W)
Webserver	integrated
Video streaming	mainstream 500-12,000 kbps, substream 100-6,000 kbps
Power supply	PoE or = 12 V/700 mA
Admiss. ambient temp.	-30-+60 °C
Weight	1.68 kg
Other features	1 x alarm input, 1 x alarm output
Ethernet	RJ45, 10/100 Mbps
Audio	1 x RCA (in/out)
Video	BNC (test output)

**INH-2000B**

Order No. 18.9190

Camera mount, for PROJECT Line 2 megapixel network colour cameras INC-2036BF, INC-2622BV, INC-2812BV, INC-2722BCP, INC-2036DF, PROJECT Line 3 megapixel PTZ speed colour dome camera INC-3557PTZ, PROJECT Line 4 megapixel network colour cameras INC-4036BF, INC-4036DF, INC-4312BBVM, INC-4312BDVM, INC-4312BVM, also

suitable for HYBRID Line PTZ speed colour dome camera AXC-3557PTZ.

- For wall mounting and ceiling suspension
- Inside cable routing
- Aluminium version
- Dimensions: Ø 142 mm x 51 mm
- Supplied with mounting accessories

**INH-2000D**

Order No. 18.9200

Camera mount, for PROJECT Line 2 megapixel network colour dome cameras INC-2036DM, INC-2812DV and the PROJECT Line 4 megapixel network colour cameras INC-4036MDVP, INC-4312BDVM.

- For wall mounting and ceiling suspension
- Inside cable routing
- Aluminium housing, metal mounting plate
- Dimensions: Ø 142 mm x 43 mm
- Supplied with mounting accessories

**INH-2036D**

Order No. 18.9210

Camera mount, for PROJECT Line 2 megapixel network colour camera INC-2036DM and PROJECT Line 4 megapixel network colour camera INC-4036MDVP.

- For indoor wall mounting and ceiling suspension
- Inside cable routing

- Plastic version, bevelled 10°
- Dimensions: Ø 96 mm x 51 mm
- Supplied with mounting accessories

**INH-3557P**

Order No. 18.4860

Camera mount, for PTZ speed colour dome camera INC-3557PTZ and AXC-3557PTZ.

- For outdoor ceiling suspension
- Inside cable routing
- Aluminium version
- Length: 125 mm
- Supplied with mounting accessories

**INC-HOLD**

Order No. 18.4630

IP66

Junction box for outdoor applications

- Matching the PROJECT Line 4 megapixel network colour cameras INC-4312BV, INC-4312BW, INC-4212BWM
- Diecast aluminium housing
- Dimensions: Ø 135 mm x 65 mm
- Weight: 500 g



EZN-268V

Order No. 18.9958



2 megapixel network colour camera for outdoor applications, with integrated webserver, WDR function and professional day/night function.

- Zoom lens: 2.8-12 mm
- Maximum resolution: 1920 x 1080 pixels (25 fps max.)
- Day/night switching with automatic IR cut-off filter
- 3 high-performance LEDs (IR operating range: 30 m, with optimum reflection)
- Image compression: H.264, MJPEG, dual stream
- Webserver function for connection to LAN or the Internet
- Privacy masking function, 4 zones
- Video motion detector function, 4 zones
- Power is provided via optional power supply (e.g. PSS-1210DC, PS-120WP) or via Power over Ethernet (PoE)

Model	EZN-268V
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels, progressive scan
Number of pixels	1920 x 1080 pixels
Resolution	2 MP
Lens	2.8-12 mm/1:1.4
Min. illumination	0.2 lx (colour), 0.05 lx (B/W), 0 lx (infrared LED)
Webserver	integrated
Video streaming	dual stream (1920 x 1080, 25 images/s max.)
Power supply	= 12 V/8.5 W max. via optional power supply or PoE
Admiss. ambient temp.	-10+50 °C
Weight	860 g
Other features	IP66, suit. for IR, WDR, 3D DNR
Ethernet	RJ45, 10/100 Mbps, PoE (IEEE 802.3af)



EZN-3260

Order No. 18.3170



2 megapixel network infrared colour camera for outdoor applications

- Motorised zoom lens: 3.3-10 mm
- Viewing angle: 35.4-108°
- Maximum resolution: 1920 x 1080 pixels
- Integrated micro SD card recorder/player for media up to 64 GB max.
- Matching power supply (PSS-1230DC or PS-120WP) is available at option

Model	EZN-3260
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels, progressive scan
Number of pixels	1920 x 1080 pixels
Lens	3.3-10 mm/1:1.3, motorised
Min. illumination	0.1 lx (colour), 0.02 lx (B/W), 0 lx (infrared LED)
Webserver	integrated
Video streaming	dual stream (1920 x 1080 pixels, 25 images/s max.)
Power supply	= 12 V/8.8 W max. via optional power supply or PoE
Admiss. ambient temp.	-20+55 °C
Weight	1.6 kg
Other features	IP66, suit. for IR, AGC, BLC, DSS, HLC, WDR, smart IR
Ethernet	RJ45, 10/100 Mbps, PoE (IEEE 802.3af)
Audio	3.5 mm jack (in/out)
Video	BNC (out)



EZN-7221

Order No. 18.8990



2 megapixel network infrared colour camera with low-lux image sensor, for outdoor applications with difficult lighting conditions.

- Motorised zoom lens: 3.3-10 mm
- Viewing angle: 35.4-108°
- Maximum resolution: 1920 x 1080 pixels
- Image compression: H.265, H.264, MJPEG, dual stream
- Integrated micro SD card recorder/player for media up to 64 GB max.
- Matching power supply (PSS-1230DC or PS-120WP) is available at option

Model	EZN-7221
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels, progressive scan
Number of pixels	1920 x 1080 pixels
Lens	3.3-10 mm/1:1.3, motorised
Min. illumination	0.001 lx (colour), 0.0005 lx (B/W), 0 lx (infrared LED)
Webserver	integrated
Video streaming	dual stream (1920 x 1080 pixels, 50 images/s max.)
Power supply	= 12 V/8.8 W max. via optional power supply or PoE
Admiss. ambient temp.	-20+55 °C
Weight	1.6 kg
Other features	IP66, suit. for IR, AGC, BLC, DSS, HLC, WDR, smart IR
Ethernet	RJ45, 10/100 Mbps, PoE (IEEE 802.3af)
Audio	3.5 mm jack (in/out)
Video	BNC (out)



EDN-3260

Order No. 18.3400



2 megapixel network colour dome camera for indoor applications, with integrated micro SD card recorder, webserver, WDR function and professional day/night function.

- Motorised zoom lens: 3.3-10 mm/1:1.3
- Viewing angle: 35.4-108°
- Maximum resolution: 1920 x 1080 pixels (25 fps max.)

Model	EDN-3260
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels, progressive scan
Number of pixels	1920 x 1080 pixels
Lens	3.3-10 mm/1:1.3, motorised
Min. illumination	0.1 lx (colour), 0.02 lx (B/W), 0 lx (infrared LED)
Webserver	integrated
Video streaming	dual-stream (1920 x 1080, 25 images/s max.)
Power supply	= 12 V/8.8 W max. via optional power supply or PoE

**EHN-3260**

Order No. 18.3410



2 megapixel network colour dome camera for outdoor applications, with micro SD card recorder, webserver, WDR function and professional day/night function.

- Motorised zoom lens: 3.3-10 mm/1:1.3
- Viewing angle: 35.4-108°
- Maximum resolution: 1920 x 1080 pixels (25 fps max.)

Model	EHN-3260
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels, progressive scan
Number of pixels	1920 x 1080 pixels
Lens	3.3-10 mm/1:1.3, motorised
Min. illumination	0.1 lx (colour), 0.02 lx (B/W), 0 lx (infrared LED)
Webserver	integrated
Video streaming	dual stream (1920 x 1080, 25 images/s max.)
Power supply	= 12 V/8.8 W max. via optional power supply or PoE

**EBN-268V**

Order No. 18.9957



2 megapixel network colour dome camera for outdoor applications, with integrated webserver, WDR function and professional day/night function

- Zoom lens: 2.8-12 mm
- Viewing angle: 35-89°
- Maximum resolution: 1920 x 1080 pixels (25 fps max.)

Model	EBN-268V
Image sensor	9 mm (1/2.8") CMOS, 2 megapixels, progressive scan
Number of pixels	1920 x 1080 pixels
Lens	2.8-12 mm/1:1.4
Min. illumination	0.2 lx (colour), 0.05 lx (B/W), 0 lx (infrared LED)
Webserver	integrated
Video streaming	dual stream (1920 x 1080, 25 images/s max.)
Power supply	= 12 V/6 W max. via optional power supply or PoE

**BA-EHN**

Order No. 18.7870

Wall mount bracket

- Suitable for network dome cameras EDN-3260 and EHN-3260
- Steel version

- Load: 10 kg
- Dimensions: 150 x 130 x 180 mm
- Supplied with mounting accessories for wall mounting



EPN-4220

Order No. 18.3430



2 megapixel PTZ speed colour dome camera in an outdoor housing

- Camera in an outdoor housing with clear dome and fan, for outdoor applications
- Viewing angle: 2.9-54.1°
- Integrated micro SD card slot (for media up to 64 GB, not supplied)
- Please order matching mounting adapters (EPTZ-WMB, EPTZ-CLM or EPTZ-ICMB) and power supply (AP-24A3 or EPTZ-PBOX) separately

Model	EPN-4220
Image sensor	6.35 mm (1/4") CCD, 2 megapixels
Number of pixels	1920 x 1080 pixels
Lens	4.7-94 mm/1:1.6-3.5
Min. illumination	0.5 lx (colour) 0.095 lx (B/W)
Websserver	integrated
Video streaming	multi-stream (1920 x 1080, 25 images/s max.)
Power supply	~ 24 V/30 W max. via optional power supply or PoE 802.3at
Admiss. ambient temp.	-40+40 °C
Weight	3.4 kg
Other features	IP66, AGC, BLC, WDR
Ethernet	RJ45, 10/100 Mbps
Audio	3.5 mm jack (in/out)
Video	BNC (out)



EPN-4220I

Order No. 18.3440



PTZ high-speed colour dome camera in an indoor housing

- Camera, dome camera housing with clear dome and fan, for indoor applications
- Viewing angle: 2.9-54.1°
- Integrated micro SD card slot (for media up to 64 GB, not supplied)
- Please order matching mounting adapters (EPTZ-WMB, EPTZ-CLM or EPTZ-ICMB) and power supply (AP-24A3 or EPTZ-PBOX) separately

Model	EPN-4220I
Image sensor	6.35 mm (1/4") CCD, 2 megapixels
Number of pixels	1920 x 1080 pixels
Lens	4.7-94 mm/1:1.6-3.5
Min. illumination	0.5 lx (colour) 0.095 lx (B/W)
Websserver	integrated
Video streaming	multi-stream (1920 x 1080, 25 images/s max.)
Power supply	~ 24 V/30 W max. via optional power supply or PoE 802.3at
Admiss. ambient temp.	0-40 °C
Weight	2.7 kg
Other features	AGC, BLC, WDR
Ethernet	RJ45, 10/100 Mbps
Audio	3.5 mm jack (in/out)
Video	BNC (out)



EKB-200

Order No. 18.3420



Control panel with USB port, for operating 2 megapixel speed dome network cameras EPN-4220 and EPN-4220I via PC or laptop.

- 3-axis joystick
- 16 buttons, to be programmed as desired via supplied software
- Compatible with USB 1.1, standard protocol: USB HID class

- Power supply via USB interface
- 1.75 m connection cable with USB Type-A plug
- Dimensions: 197 x 108 x 197 mm
- Weight: 750 g
- Suitable for Windows* XP/Vista/7/8/10



EKB-500

Order No. 18.0590

Universal control panel, with joystick and jog shuttle, for operating speed dome cameras of the EPTZ series.

- Cable-connected operation of several devices
- 3-axis joystick
- Jog shuttle for easy control of the digital recorders
- Protocols: Pelco P, Pelco D and EverFocus

- LCD (20 characters x 2 lines)
- Multilingual menu (GB, D, F, I)
- Password protection
- Interfaces: 1 x RS-232, 2 x RS-485
- Power is provided via enclosed power supply
- Dimensions: 360 x 95 x 200 mm
- Weight: 1.5 kg



EPTZ-PBOX

Order No. 27.3050

IP66

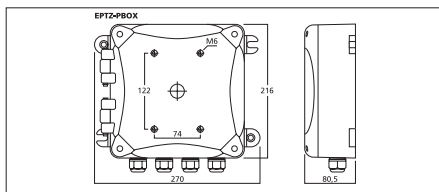
Junction box with 24 V power supply

Especially designed for high-speed dome camera EPN-4220.

- Vandal-resistant diecast metal outdoor housing (IP66)
- Threaded bushings and facility for cable routing inside the housing cover for directly mounting wall holder EPTZ-WMB
- 24 V power supply cable with low-voltage plug Ø 5.5 mm
- Robust cover hinge, thus possible to open when camera is mounted
- Switch to neutral via built-in mains switch inside the housing for a safe installation
- Connection for RS-485, alarm contact and mains via screwless terminal

- Separate mounting possible, supplied with blank covers for cable inlet

Model	EPTZ-PBOX
Input voltage	~ 100-240 V/50-60 Hz/120 VA
Output voltage	~ 24 V
Charging/output current	3.5 A
Admiss. ambient temp.	-20 °C to +40 °C
Dimensions	270 x 245 x 82 mm
Weight	4.3 kg

**EPTZ-WMB**

Order No. 18.5060

Wall mount bracket

- Suitable for EPN-4220 and EPN-4220I
- Length: 270 mm
- Diecast aluminium, powder-coated

**EPTZ-CLM**

Order No. 18.5020

Suspended ceiling mount

- Suitable for EPN-4220 and EPN-4220I
- Length: 340 mm
- Steel, powder-coated

**EPTZ-ICMB**

Order No. 18.5040

Flush-mount ceiling adapter

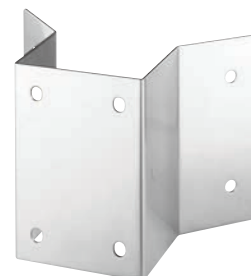
- Suitable for EPN-4220I
- Ceiling cutout: Ø 200 mm
- Dimensions: Ø 220 mm x 130 mm
- Steel version

**EPTZ-CNM**

Order No. 18.5030

Corner mount adapter

- Suitable for wall bracket EPTZ-WMB
- For mounting the camera into corners
- Stainless steel

**EPTZ-PLM**

Order No. 18.5050

Pole mount bracket

- Suitable for EPTZ-WMB
- For pole diameter: Ø 90-155 mm
- Stainless steel

**EPTZ-PBA**

Order No. 18.2700

Adapter plate, for mounting EPTZ-PBOX onto EPTZ-PLM (pole mounting) or onto EPTZ-CNM (corner mounting).

**AP-24A3**

Order No. 18.4080

Power supply, ~ 24 V, for indoor applications.

- Suitable for EPN-4220I
- Primary: ~ 230 V/50 Hz/100 VA
- Secondary: ~ 24 V/3 A
- Dimensions: 79 x 68 x 101 mm
- Weight: 1.2 kg



SD-32MICRO

Order No. 18.8790



Micro SDHC memory card, 32 GB

- For devices with micro SDHC card slot
- Class 10, preformatted FAT32
- Supplied with size adapter micro SD to SD

Image similar, design may vary.



USB-32GB/4

Order No. 18.9630



USB flash drive "KINGSTON DataTraveler G4", 32 GB

For storing and transporting data when using devices with a USB interface, e.g. PCs, media players and digital recorders. The port is protected by a cap.

- High-speed USB 3.0
- Data rate: 40 Mbps (read), 20 Mbps (write)
- Operating temperature: 0-60 °C
- With coloured eyelet for attachment to a key ring



SATA Hard Disks, 88.9 mm (3.5")

- For continuous 24-hour operation, thus high operating reliability
- Especially designed for application in digital recorders with SATA interface

- Reduced power consumption, low running noise and low heat generation
- 64 MB cache
- Interface: SATA 6 Gbps



Model	Order No.	Interface	Storage capacity	Other features
SATA-6000GB	18.4850	SATA 6 Gbps	6 TB	24/7 operation
SATA-4000GB	18.8880	SATA 6 Gbps	4 TB	24/7 operation
SATA-3000GB	18.7900	SATA 6 Gbps	3 TB	24/7 operation
SATA-2000GB	18.8490	SATA 6 Gbps	2 TB	24/7 operation
SATA-1000GB	18.3020	SATA 6 Gbps	1 TB	24/7 operation

TVG-900

Order No. 19.9530



Outdoor camera housing

- UV-resistant polycarbonate version
- Built-in heating (230 V)
- Slidable sunshield
- Side opening for easy mounting of camera and for maintenance



TVG-400PS

Order No. 19.1690

Camera power supply, for mounting into outdoor camera housings TVG-900.

- Input voltage: ~ 100-240 V/50-60 Hz/15 VA
- Output voltage: = 12V/1.25 A
- Dimensions: 72 x 48 x 32 mm
- Weight: 110 g



TVH-600

Order No. 19.1840

Bracket, for outdoor camera housing TVG-900.

- Aluminium version
- For panning and tilting
- Wall mounting
- Load: 25 kg
- Length: 285 mm



MPL-140

Order No. 18.4970

Megapixel interchangeable lens

- Focal length: 1.4 mm
- Suitable for camera AXC-137NLC

Model	MPL-140
Focal length	1.4 mm
Iris adjustment	fixed
Lens aperture	1:1.8
Mounting thread	12 mm
Dimensions	Ø 18 mm x 19.6 mm
Weight	6 g

**MPL-250**

Order No. 18.4980

Megapixel interchangeable lens

- Focal length: 2.5 mm
- Suitable for camera AXC-137NLC

Model	MPL-250
Focal length	2.5 mm
Iris adjustment	fixed
Lens aperture	1:2.0
Mounting thread	12 mm
Dimensions	Ø 17.5 mm x 15.7 mm
Weight	6 g

**MPL-800**

Order No. 18.4990

Megapixel interchangeable lens

- Focal length: 8.0 mm
- Suitable for cameras AXC-137NLC, AXC-2036BF, D-4320

Model	MPL-800
Focal length	8.0
Iris adjustment	fixed
Lens aperture	1:2.0
Mounting thread	12 mm
Dimensions	Ø 14 mm x 18.8 mm
Weight	3 g

**VGM-288ASIR**

Order No. 18.7550

**High-resolution CCTV lens, for megapixel cameras.**

- This special lens allows to fully utilise the resolution of megapixel cameras
- IR correction (suitable for infrared). With infrared light up to 1,000 nm wavelength, 3 megapixel resolution is possible

Model	VGM-288ASIR
Focal length	2.8-8 mm
Iris adjustment	DC-controlled
Lens aperture	1:1.2
Shortest distance	0.3 m
Mounting thread	C5
Dimensions	Ø 40 mm x 55 mm
Weight	72 g

**VGM-850ASIR**

Order No. 18.2085

**High-resolution CCTV lens, for megapixel cameras.**

- This special lens allows to fully utilise the resolution of megapixel cameras
- IR correction (suitable for infrared). With infrared light up to 1,000 nm wavelength, 3 megapixel resolution is possible

Model	VGM-850ASIR
Focal length	8-50 mm
Iris adjustment	DC-controlled
Lens aperture	1:1.6
Shortest distance	0.3 m
Mounting thread	C5
Dimensions	Ø 43 mm x 72 mm
Weight	106 g

**VML-120**

Order No. 19.1980

CCTV lens for camera modules

- Focal length: 12 mm

Model	VML-120
Focal length	12 mm
Iris adjustment	fixed
Lens aperture	1:2.2
Mounting thread	12 mm
Dimensions	Ø 14 mm x 11.4 mm
Weight	3 g



Pos. Item	Modell Model	Seite Page	PTZ	Auflösung Resolution	Objektiv Lens	Blickwinkel Viewing Angle	Schutzart Protection	IR-LED-Reichweite IR LED Range	Smart-IR	Spannungsversorg. Power Supply	WLAN	Audio	Alarm	SD-Karte SD Card	P2P-Dienst P2P Service	ONVIF Version	Video Out analog	Anschlussdose Junction Box	Besonderheit Special Feature		
Analoge Kameras für den Außenbereich — Analog Cameras for Outdoor Applications																					
1	AXC-2036DF	S11	—	2MP	3,6 mm Fixfokus 3.6mm fixed focus lens	80°	IP66	< 20m	—	12V (-), 0,35A	—	—	—	—	✓	—	—	FBAS und CVBS and AHD oder • or TVI	AXH-B	Standard-Weitwinkel-Objektiv standard wide-angle lens	
2	AXC-2812DVM	S11	—	2MP	2,8–12 mm Motorzoom 2.8–12 mm motorized zoom	85–35°	IP66	30–50 m	✓	12V (-), 0,5A	—	—	—	—	—	—	—	—	—	Motorzoom-Objektiv, steuerbar über AXR-Rekorder motorized zoom lens, controllable via AXR recorder	
3	AXC-2812DV	Homepage	—	2MP	2,8–12 mm Variofokus 2.8–12 mm zoom lens	85–35°	IP66	< 30m	—	12V (-), 0,4A	—	—	—	—	✓	—	—	—	—	Variofokus-Objektiv zoom lens	
4	AXC-2036BF	S11	—	2MP	3,6 mm Fixfokus 3.6mm fixed focus lens	80°	IP66	< 20m	—	12V (-), 0,45A	—	—	—	—	✓	—	—	—	—	Standard-Weitwinkel-Objektiv standard wide-angle lens	
5	AXC-2650BVM	S12	—	2MP	5–50 mm Motorzoom motorized zoom	66–11°	IP66	< 50m	—	12V (-), 0,45A	—	—	—	—	—	—	—	—	—	Motorzoom-Objektiv, Autofokus, große Brennweite motorized zoom lens, autofocus, long focal length	
6	AXC-2812BVM	S11	—	2MP	2,8–12 mm Motorzoom 2.8–12 mm motorized zoom	85–35°	IP66	30–50 m	✓	12V (-), 0,62A	—	—	—	—	—	—	—	—	—	Motorzoom-Objektiv, steuerbar über AXR-Rekorder motorized zoom lens, controllable via AXR recorder	
7	AXC-2812BV	Homepage	—	2MP	2,8–12 mm Variofokus 2.8–12 mm zoom lens	90–33°	IP66	< 30m	—	12V (-), 0,48A	—	—	—	—	✓	—	—	—	—	Variofokus-Objektiv zoom lens	
8	AXC-3557PTZ	S12	✓	2MP	5,1–51 mm Motorzoom motorized zoom	55,2–3,2°	IP66	< 60m	✓	12V (-), 2,7A	—	—	4 x IN 1 x OUT	—	—	—	—	—	—	PTZ mit IR-LEDs endlose 360°-Rotation Autofokus PTZ with IR LED, infinite 360° rotation, autofocus	
Analoge Kameras für den Innenbereich — Analog Cameras for Indoor Applications																					
9	AXC-137NLC	S12	—	2MP	3,7 mm Fixfokus 3.7mm fixed focus lens	95°	—	—	—	12V (-), 0,16A	—	—	—	—	—	—	—	—	—	FBAS • CVBS oder • or AHD oder • or TVI	kleine Bauform für unauffällige Anwendungen small size for unobtrusive applications
10	AXC-137PHC	S12	—	2MP	3,7 mm Nadelohr 3.7mm pin-hole lens	100°	—	—	—	12V (-), 0,1A	—	—	—	—	—	—	—	—	—	FBAS • CVBS oder • or AHD oder • or TVI	lieferbare Wechselelemente: interchangeable lenses available: MPL-140 (179°) MPL-250 (140°) MPL-800 (50°)
11	AXC-2000BX	S12	—	2MP	ohne • no lens optional: VGM-28BASIR VGM-850ASIR	130–53° 53–9,0°	—	—	—	12V (-), 0,15A	—	—	—	—	—	—	—	—	—	FBAS und CVBS and AHD oder • or TVI	Halterung Camera bracket HOLD-2080BX HOLD-21708X HOLD-22308X optimal für Live-Überwachung ideal for live surveillance
Netzwerkcameras für den Außenbereich — Network Cameras for Outdoor Applications																					
12	IOC-2812DV	S22	—	3MP	2,8–12 mm Variofokus zoom lens	89–35°	IP66	< 40m	—	12V (-), 1A PoE	—	—	—	—	—	—	2.60	—	—	IOH-2812BD	Top-Preis/Leistung good value for money
13	IOC-2812BV	S22	—	3MP	2,8–12 mm Variofokus zoom lens	89–35°	IP66	< 30m	—	12V (-), 1A PoE	—	—	—	—	—	—	2.60	—	—	INC-HOLD	Top-Preis/Leistung good value for money
14	INC-4036DF	S31	—	4MP	2,8 mm Fixfokus fixed focus lens	90°	IP67	< 20m	✓	12V (-) 7W (IR LEDs on) 5W (IR LEDs off) PoE	—	eingeb. Mikro built-in mic 1 x IN 1 x OUT	—	—	—	—	2.4	—	—	INH-2000D	hohe Auflösung, eingebautes Mikrofon high resolution, built-in microphone
15	INC-4036MDVP	S31	—	4MP	2,8 mm Fixfokus fixed focus lens	90°	IP66	< 10m	✓	12V (-) 5,0W (IR LEDs on) 2,5W (IR LEDs off) PoE	—	1 x IN 1 x OUT	—	128 GB	—	—	2.4	—	—	FBAS-Testausgang CVBS test output	vandalismusgeschützt, hohe Auflösung resistance to vandalism, high resolution
16	INC-2036DM	S33	—	2MP	3,6 mm Fixfokus fixed focus lens	75°	IP66	< 6m	—	12V (-), 1A PoE	—	1 x IN 1 x OUT	—	32 GB	—	—	2.40	—	—	—	kleine Bauform und preisgünstig small size, low price
17	INC-2036DF	S34	—	2MP	3,6 mm Fixfokus fixed focus lens	75°	IP66	< 20m	✓	12V (-), 0,35A PoE	—	eingeb. Mikro built-in mic 1 x OUT	—	—	—	—	2.40	—	—	—	Top-Preis/Leistung, internes Mikrofon good value for money, integrated microphone
18	INC-4312BVM	S30	—	4MP	2,7–12 mm Motorzoom motorized zoom	90–35°	IP67	< 30m	✓	12V (-) 5,5W (IR LEDs on) 3,0W (IR LEDs off) PoE	—	1 x IN 1 x OUT	1 x IN 1 x OUT	128 GB	—	—	2.4	—	—	FBAS-Testausgang CVBS test output	Motorzoom-Objektiv, hohe Auflösung motorized zoom lens, high resolution
19	INC-2812DV	S33	—	2MP	2,8–12 mm Variofokus zoom lens	89–35°	IP66	< 20m	✓	12V (-), 1A PoE	—	1 x IN 1 x OUT	1 x IN 1 x OUT	32 GB	—	—	2.40	—	—	—	Top-Preis/Leistung good value for money
20	INC-3557PTZ	S34	✓	3MP	4,7–56 mm Motorzoom motorized zoom	70–8°	IP66	< 20m	✓	12V (-), 22W PoE	—	1 x IN 1 x OUT	2 x IN 1 x OUT	64 GB	—	—	2.40	—	—	—	PTZ mit IR-LEDs, hohe Auflösung, wetterfest PTZ with IR LEDs, high resolution, weather protection
21	EBN-268V	S37	—	2MP	2,8–12 mm Variofokus zoom lens	105–33°	IP66	< 30m	—	12V (-), 8,5W PoE	—	—	—	—	—	—	2.0	—	—	—	Sichtfeld einstellbar wetterfest adjustable field of view, weather protection
22	EHN-3260	S37	—	2MP	3,3–10 mm Autofokus autofocus	108–35,4°	IP68 IK 10	< 30m	✓	12V (-), 8,4W PoE 8,8W	—	1 x IN 1 x OUT	1 x IN 1 x OUT	64 GB	—	—	2.00	—	—	—	hohe Schutzklasse (IP66/IK 10), Motorfokus high protection (IP66/IK 10), motorized focus
23	EPN-4220	S38	✓	2MP	4,7–94 mm Motorzoom motorized zoom	54,1–2,9°	IP66 IK 10	—	—	24V (-), 30W PoE	—	1 x IN 1 x OUT	2 x IN 2 x OUT	64 GB	—	—	2.00	—	—	—	Highspeed-PTZ, optischer Zoom x 20 high-speed PTZ, optical zoom x 20
24	INC-4036BF	S29	—	4MP	3,6 mm Fixfokus fixed focus lens	85°	IP67	< 30m	✓	12V (-) 5,0W (IR LEDs on) 2,5W (IR LEDs off) PoE	—	—	—	—	—	—	2.4	—	—	—	kleine Bauform, hohe Auflösung small size, high resolution
25	INC-2036BF	S32	—	2MP	3,6 mm Fixfokus 3.6mm fixed focus lens	75°	IP66	< 30m	—	12V (-), 1A PoE	—	—	—	—	—	—	2.40	—	—	—	kleine Bauform, preisgünstig small size, low price
26	INC-2722BCP	S35	—	2MP	3–12 mm Motorzoom motorized zoom	87–31°	IP67	< 40m	✓	12V (-) 8W (IR LEDs on) 5W (IR LEDs off) PoE	—	1 x IN 1 x OUT	1 x IN 1 x OUT	64 GB	—	—	2.4	—	—	—	KFZ-Zeichenerfassung number plate recognition

■ = HYBRID-Line, ■ = COMFORT-Line, ■ = PROJECT-Line
■ = HYBRID Line, ■ = COMFORT Line, ■ = PROJECT Line

Pos. Item	Modell Model	Seite Page	PTZ	Auflösung Resolution	Objektiv Lens	Blickwinkel Viewing Angle	Schutzart Protection	IR-LED-Reichweite IR LED Range	Smart-IR	Spannungsversorgung Power Supply	WLAN	Audio	Alarm	SD-Karte SD Card	P2P-Dienst P2P Service	ONVIF Version	Video Out analog	Anschlussdose Junction Box	Besonderheit Special Feature
Netzwerkcameras für den Außenbereich — Network Cameras for Outdoor Applications																			
27	INC-4312BBVM	S28	—	4 MP	2,7–12 mm Motorzoom motorized zoom	90–35	IP67	< 50m	✓	12V (–) 8W (IR LEDs on) 5W (IR LEDs off) PoE	—	1 x IN 1 x OUT	1 x IN 1 x OUT	128 GB	—	2.4	FBAS-Testausgang CVBS test output	INH-2000B	Motorzoom-Objektiv, hohe Auflösung motorized zoom lens, high resolution
28	INC-4312BVM	S29	—	4 MP	2,7–12 mm Motorzoom motorized zoom	95–35°	IP67	< 30m	✓	12V (–) 5,5W (IR LEDs on) 3,0W (IR LEDs off) PoE	—	1 x IN 1 x OUT	—	128 GB	—	2.4	FBAS-Testausgang CVBS test output	INH-2000B	Motorzoom-Objektiv, hohe Auflösung motorized zoom lens, high resolution
29	INC-4312BV	S29	—	4 MP	2,8–12 mm Variofokus 2,8–12 mm zoom lens	92,5–34,5°	IP66	< 35m	manuell einstellbar manual adjustment	12V (–) 6,4W (IR LEDs on) 3,4W (IR LEDs off) PoE 8,2W (IR LEDs on) 4,3W (IR LEDs off)	—	1 x IN 1 x OUT	1 x IN 1 x OUT	64 MB	—	2.42	—	INC-HOLD	hohe Auflösung, optimal für Einzelbild-Aufnahmen (Intervall 1–50 000 s) high resolution, ideal for time-lapse recordings (interval 1–50 000 s)
30	INC-4312BW	S28	—	4 MP	2,8–12 mm Variofokus 2,8–12 mm zoom lens	92,5–34,5°	IP66	< 35m	manuell einstellbar manual adjustment	12V (–) 6,4W (IR LEDs on) 3,4W (IR LEDs off)	✓	1 x IN 1 x OUT	1 x IN 1 x OUT	64 MB	—	2.42	—	INC-HOLD	hohe Auflösung, optimal für Einzelbild-Aufnahmen (Intervall 1–50 000 s) high resolution, ideal for time-lapse recordings (interval 1–50 000 s)
31	INC-4212BWM	S28	—	4 MP	2,8–12 mm Motorzoom 2,8–12 mm motorized zoom	90,5–35,7°	IP66	< 35m	manuell einstellbar manual adjustment	12V (–) 6,6W (IR LEDs on) 3,5W (IR LEDs off)	✓	1 x IN 1 x OUT	1 x IN 1 x OUT	64 MB	—	2.42	—	INC-HOLD	WLAN, hohe Auflösung, optimal für Einzelbild-Aufnahmen (Intervall 1–50 000 s) WLAN, high resolution, ideal for time-lapse recordings (interval 1–50 000 s)
32	INC-2622BV	S32	—	2 MP	6–22 mm Variofokus 6–22 mm zoom lens	46,5–11,4°	IP66	< 30m	✓	12V (–), 0,4A PoE	—	1 x IN 1 x OUT	1 x IN 1 x OUT	32 GB	—	2.40	FBAS CVBS	INH-2000B	große Brennweite long focal length
33	INC-2812BV	S32	—	2 MP	2,8–12 mm Variofokus 2,8 mm zoom lens	89–35°	IP66	< 20m	✓	12V (–), 1A PoE	—	—	—	32 GB	—	2.40	FBAS CVBS	INH-2000B	sehr flexibel einsetzbar for versatile applications
34	EZN-7221	S36	—	2 MP	3,3–10 mm Motorzoom 3,3–10 mm motorized zoom	108–35,4°	IP66	< 40m	✓	12V (–), 8,4W PoE 8,8W	—	1 x IN 1 x OUT	1 x IN 1 x OUT	64 GB	—	2.00	FBAS CVBS	—	sehr lichtempfindlich very high sensitivity to light
35	EZN-3260	S36	—	2 MP	3,3–10 mm Motorzoom 3,3–10 mm motorized zoom	108–35,4°	IP66	< 30m	✓	12V (–), 8,4W PoE 8,8W	—	1 x IN 1 x OUT	1 x IN 1 x OUT	64 GB	—	2.00	FBAS CVBS	—	Motorzoom-Objektiv motorized zoom lens
36	EZN-268V	S36	—	2 MP	2,8–12 mm Variofokus 2,8 mm zoom lens	33–105°	IP66	< 30m	—	12V (–), 6W PoE	—	—	—	—	—	2.0	—	—	Sichtfeld einstellbar wetterfest adjustable field of view, weather protection
Netzwerkcameras für den Innenbereich — Network Cameras for Indoor Applications																			
37	INC-5360DF	S30	—	5 MP	1,5 mm Fixfokus fixed focus lens	360°	—	< 10m	✓	12V (–) 8W (IR LEDs on) 5W (IR LEDs off) PoE	—	eingeb. Mikro built-in mic 1 x IN 1 x OUT	—	128 GB	—	2.4	—	—	360°-Fisheye, eingebautes Mikrofon 360° fisheye, built-in microphone
38	INC-4036DW	S31	—	4 MP	3,6 mm Fixfokus fixed focus lens	78,5°	—	< 5m	—	12V (–) 4,2W (IR LEDs on) 3,6W (IR LEDs off)	✓	eingeb. Mikro built-in mic 1 x IN 1 x OUT	1 x IN 1 x OUT	64 GB	—	2.42	—	im Lieferumfang included	WLAN, hohe Auflösung WLAN, high resolution
39	EDN-3260	S37	—	2 MP	3,3–10 mm Autofokus 3,3–10 mm autofocus	108–35,4°	IK10	< 30m	✓	12V (–), 8,4W PoE 8,8W	—	1 x IN 1 x OUT	1 x IN 1 x OUT	64 GB	—	2.00	FBAS CVBS	—	vandalismusgeschützt (IK10), Motorfokus resistance to vandalism (IK10), motorized focus
40	EPI-4220I	S38	✓	2 MP	4,7–94 mm Motorzoom motorized zoom	54,1–2,9°	—	—	—	24V (–), 30W PoE	—	1 x IN 1 x OUT	2 x IN 2 x OUT	64 GB	—	2.00	FBAS CVBS BNC	EPTZ-CLM	Highspeed-PTZ, optischer Zoom x20 high-speed PTZ, optical zoom x20
41	INC-2037PHC	S34	—	2 MP	3,7 mm Fixfokus 3,7 mm fixed focus lens	84°	—	—	—	12V (–), 3W max. PoE	—	1 x IN 1 x OUT	2 x IN 1 x OUT	128 GB	—	2.60	FBAS CVBS	—	kleine Bauform, FBAS-Testausgang small size, CVBS test output
42	INC-4000BX	S30	—	4 MP	ohne * no lens optional: VGM-28BASIR VGM-850ASIR	130–53° 53–9°	—	—	—	12V (–), 24V (–), 3W PoE	—	1 x IN 1 x OUT	1 x IN 1 x OUT	128 GB	—	2.4	FBAS CVBS	Halterung Camera bracket HOLD-2080BX	12V (–), 24V (–) hohe Auflösung high resolution
43	INC-2000BX	S33	—	2 MP	ohne * no lens optional: VGM-28BASIR VGM-850ASIR	135–53° 53–9,5°	—	—	—	12V (–), 0,30A PoE	—	eingeb. Mikro built-in mic 1 x IN 1 x OUT	1 x IN 1 x OUT	32 GB	—	2.40	FBAS CVBS BNC	Halterung Camera bracket HOLD-2080BX HOLD-2170BX HOLD-2230BX	IP- und FBAS-Ausgang (BNC) IP and CVBS outputs (BNC)
* nur in Verbindung mit ADM-01 * only in combination with ADM-01																			

Pos. Item	Modell Model	Seite Page	IN			OUT		Festplatte - HDD				Lüfter Fan	PoE Switch	App	verwendbare Kameras Suitable Cameras
			Analog-Kanäle Analog Channels	Kanäle für Netzwerkcameras Channels for IP Cameras	Gesamt-Datenrate Total Data Rate	Videoausgang Video Output	Anschlüsse Connections	max. Kapazität Capacity max.	RAID Level	Schnittstelle Interface					
1	AXR-104	S10	4	2	24Mbps	HDMI + VGA	1 x SATA II	1 x 6 TB	Single	—	—	—	—	RXCamView	AXC-... (TVI, AHD, CVBS) IOC-... INC-... ONVIF ¹
2	AXR-108	S10	8	4	48Mbps	HDMI + VGA	1 x SATA II	1 x 6 TB	Single	—	—	—	—		
3	AXR-116	S10	16	8	96Mbps	HDMI + VGA	2 x SATA II	2 x 6 TB	Single	—	✓	—	—		
4	IOR-204	S21	—	4	40Mbps	HDMI + VGA	1 x SATA II	1 x 6 TB	Single	—	—	4 PoE	—	RXCamView	IOC-... INC-... ONVIF ¹
5	IOR-208	S21	—	8	60Mbps	HDMI + VGA	1 x SATA II	1 x 6 TB	Single	—	—	8 PoE	—		
6	IOR-232POE	Home- page	—	32	320Mbps	HDMI + VGA	4 x SATA II	4 x 6 TB	0, 1, 5, 10	1 x	✓	16 PoE	—	NUUO Viewer	alle IP-Kameras von MONACOR all IP cameras from MONACOR ONVIF ¹ weitere Hersteller other manufacturers
7	NVR-202	Home- page	—	2	40Mbps	—	2 x SATA II	2 x 6 TB	0, 1	—	✓	—	—		
8	NVR-204	Home- page	—	4	40Mbps	—	2 x SATA II	2 x 6 TB	0, 1	—	✓	—	—		
9	NVR-208	Home- page	—	8	80Mbps	—	4 x SATA II	4 x 6 TB	0, 1, 5, 10	—	✓	—	—		
10	NVR-216	Home- page	—	16	80Mbps	—	4 x SATA II	4 x 6 TB	0, 1, 5, 10	—	✓	—	—	RXCamView	IOC-... INC-... ONVIF ¹
11	NWR-801POE	S27	—	8	128Mbps	HDMI (4k) VGA	1 x SATA II	1 x 6 TB	Single	—	—	8 PoE	—		
12	NWR-1608POE	S27	—	16	320Mbps	HDMI (4k) VGA	4 x SATA II	4 x 6 TB	0, 1, 5, 10	1 x	✓	8 PoE	—		
13	NWR-3216POE	S27	—	32	320Mbps	HDMI (4k) VGA	4 x SATA II	4 x 6 TB	0, 1, 5, 10	1 x	✓	16 PoE	—	—	—

¹Es werden nicht alle Funktionen unterstützt!
¹Not all functions will be supported.

Pos. Item	Modell Model	Bestell-Nr. Order No.	Seite Page	Beschreibung Description	Eigenschaften Features
für Geräte der AX-Serie und andere • for devices of the AX series and others					
1	AXDA-102HD	18.9520	548	Videosignal-Verteiler Video splitter	1 Eingang auf 2 Ausgänge (BNC-Buchsen) Stromversorgung über beiliegendes Netzgerät 1 input to 2 outputs (BNC jacks) Power supply via PSU provided
2	AXDA-104HD	18.9530	548	Videosignal-Verteiler Video splitter	1 Eingang auf 4 Ausgänge (BNC-Buchsen) Stromversorgung über beiliegendes Netzgerät 1 input to 4 outputs (BNC jacks) Power supply via PSU provided
3	AXOC-201	18.9936	549	2-kanaliges Einkabel-Übertragungsset für AHD-, CVI- und TVI-Signale 2-channel single-cable transmission set for AHD signals, CVI signals and TVI signals	für Kabellängen bis zu 100 m (bei RG-59-Kabel) Stromversorgung = 12V, 1A z.B. über PSS-1210DC for cable lengths up to 100m (with RG-59 cable) power supply = 12V, 1A e.g. via PSS-1210DC
4	AXS-100	18.4790	549	Einkabel-Übertragungsset für Kameras der AXC-Serie Single-cable transmission set for cameras of the AXC series	für Kabellängen bis zu 600 m (bei RG-59-Kabel) for cable lengths up to 600m (with RG-59 cable)
5	AXTU-102VPD	18.9240	549	passives 2-Draht-Übertragungsset Passive 2-wire transmission set	für verdrehte Telefonleitungen oder CAT-5-Kabel überträgt AHD-, TVI- und FBAS-Signale for twisted telephone cables or Cat. 5 cables transmits AHD signals, TVI signals and CVBS signals
6	HDTVI-100CON	18.7990	550	Konverter von TVI- auf HDMI-Signal TVI to HDMI signal converter	Stromversorgung über beiliegendes Netzgerät Power supply via PSU provided
speziell für HDMI®-Signale • specifically for HDMI® signals					
7	HDWA-203	18.9600	550	HDMI-Audiosignal-Weiche HDMI audio embed/de-embedder	zum Einbetten/Extrahieren von Audiosignalen in ein HDMI-Signal/aus einem HDMI-Signal for inserting audio signals into an HDMI signal/ extracting audio signals from an HDMI signal
8	HDMA-101	06.7870	554	Repeater für HDMI-Signale Repeater for HDMI signals	zur Verbindung von 2 HDMI-Kabel bis 30 m ohne Signalverlust for connecting 2 HDMI cables up to 30m without any signal loss
9	HDMA-220WL	06.9160	550	Funk-Übertragungsset für HDMI-Signale Wireless transmission set for HDMI signals	Reichweite 20–30 m in Gebäuden, Übertragungsfrequenz 5,8 GHz Operating range: 20–30m indoors, transmission frequency 5.8 GHz
10	HDMS-201	06.7890	554	Umschalter für HDMI-Signale Switcher for HDMI signals	2 × In, 1 × Out Stromversorgung über beiliegendes Netzgerät Power supply via PSU provided
11	HDMS-208	06.7900	554	Umschalter und Verteiler für HDMI-Signale Switcher/splitter for HDMI signals	2 × In, 8 × Out Stromversorgung über beiliegendes Netzgerät Power supply via PSU provided
12	HDMS-1042	06.7880	554	HDMI-Signalverteiler HDMI signal splitter	1 × In, 4 × Out Stromversorgung über beiliegendes Netzgerät Power supply via PSU provided
13	HDMS-4012	06.7910	554	4-fach-Umschalter für HDMI-Signale 4-way switcher for HDMI signals	4 × In, 1 × Out Stromversorgung über beiliegendes Netzgerät Power supply via PSU provided
14	HDCA-100CON	18.3960	554	HDMI-FBAS-Konverter HDMI/CVBS converter	zur Umwandlung eines HDMI-Signals in ein FBAS-Signal, Stromversorgung über beiliegendes Netzgerät for converting HDMI signals into CVBS signals, power supply via PSU provided
15	HDTVI-100CON	18.7990	550	HD-TVI-Signalkonverter HD-TVI signal converter	zur gleichzeitigen Umwandlung eines HDVI-Video signals in ein HDMI-, VGA- und FBAS-Signal, Stromversorgung über beiliegendes Netzgerät for simultaneously converting an HD-TVI video signal into an HDMI signal, VGA signal and CVBS signal, power supply via PSU provided
16	INS-100R	18.4830	550	Empfänger für INS-100Z Receiver for INS-100Z	zur Erweiterung des Sets INS-100Z for extending the set INS-100Z
17	INS-100Z	18.4840	550	Übertragungsset für HDMI-Signale über CAT-Kabel Transmission set for HDMI signals via Cat. cables	für Kabellängen bis zu 100 m for cable lengths up to 100m
für die Netzwerktechnik • for network technology					
18	PALUN-01	18.0045	549	Übertragungsset für IP-Signal und PoE über Koaxialkabel Transmission set for IP signals and PoE via coaxial cables	für Kabellängen bis zu 150 m (bei RG-59-Kabel), incl. Power-over-Ethernet for cable lengths up to 150m (with RG-59 cables), incl. Power over Ethernet
19	PATCH-8	06.8320	559	8-fach-Verteilersteckfeld 8-port patch panel	Kategorie 6 (Cat 6), 10/100/1000Mbit/s, RJ-45-Buchsen, LSA-Anschlussstechnik, Farbcodes auf der Leiterplatte, Erdungsanschluss, abgeschirmtes Gehäuse
20	PATCH-24	06.8310	559	24-fach-Verteilersteckfeld, 482 mm, 1 HE 24-port patch panel, 482 mm (19"), 1 RS	Category 6 (Cat. 6), 10/100/1000Mbps, RJ-45 jacks, LSA connection system, colour codes on the PCB, earth connection, shielded housing
21	POE-130MID	18.1287	556	PoE-Gigabitnet-Netzgerät Gigabit Power over Ethernet injector	10/100/1000 Mbit/s, = 56V, 30W 10/100/1,000Mbps, = 56V, 30W
22	POE-175MID	18.1289	556		10/100/1000 Mbit/s, = 56V, 75W 10/100/1,000Mbps, = 56V, 75W
23	SWITCH-8/1GB	06.8620	557	Gigabit-Switch Gigabit switch	8 Ports (RJ45) für Gigabit Ethernet 8 ports (RJ45) for Gigabit Ethernet
24	TPE-TG44G	06.9190	556	PoE-Gigabit-Switch PoE Gigabit switch	8 Ports (RJ45), davon 4 PoE-/PoE+-Ports: 4 × 15W PoE oder 2 × 30W PoE+ 8 ports (RJ45), 4 of them PoE/PoE+ ports: 4 × 15W PoE or 2 × 30W PoE+
25	TPE-TG80G	06.9200	556		8 PoE-/PoE+-Ports, max. 30W pro Port, PoE-Gesamtleistung max. 105W 8 PoE/PoE+ ports, 30W max. each, total power of PoE: 105W max.

TFT-1904LED

Order No. 18.3100



LCD colour monitor in a metal housing for surveillance systems, with LED backlight for a very detailed image of high colour brilliance, with HDMI™ connection.

- Visible diagonal screen size: 48 cm (19")
- Response time: 3.7 ms
- Viewing angle: 170° horizontal, 160° vertical
- Contrast ratio: 1,000:1
- Brightness: 250 cd/m², 16.7 million colours
- 2 video inputs, switchable, feed-through output
- 2 RCA audio inputs, feed-through output
- Additional connections: HDMI™, DVI, VGA and S-video
- Built-in speaker
- Operation via on-screen menu (OSD)
- Display options: full image, picture-in-picture (PIP), picture-over-picture (POP)
- Perforated rear panel according to VESA 100 standard
- Supplied with base, VGA cable, RCA audio cable and matching power supply

Model	TFT-1904LED
Colour system	PAL/NTSC
Screen diagonal	48 cm (19")
Resolution	1280 x 1024 pixels
Video input	1 Vpp/75 Ω
Video output	1 Vpp/75 Ω
Power supply	via encl. power supply
Admiss. ambient temp.	0-40 °C
Dimensions	425 x 352 x 53 mm (w/o base)
Weight	3.7 kg
Connections	2 x BNC in (video 1+2) 2 x BNC out (video 1+2), feed-through output 1 x D-sub (VGA) 1 x DVI 1 x HDMI™ 1 x S-video 1 x 3.5 mm stereo jack, audio in 2 x RCA, audio in 2 x RCA, audio out, feed-through output 1 x USB



TFT-1902LED

Order No. 18.7540



LCD colour monitor with LED backlight, for a very detailed image of high colour brilliance, for surveillance systems.

- Visible diagonal screen size: 48 cm (19")
- Anti-glare screen surface
- Response time: 5 ms
- Viewing angle: 170° horizontal, 160° vertical
- Contrast ratio: 800:1
- Brightness: 300 cd/m², 16.7 million colours
- Display options: full image, picture-in-picture (PIP), picture-over-picture (POP)
- Built-in speakers
- Operation via multilingual on-screen menu (OSD)
- Perforated rear panel according to VESA 75 standard
- Plastic housing with base, tiltable
- Supplied with VGA cable and matching power supply

Model	TFT-1902LED
Colour system	PAL
Screen diagonal	48 cm (19")
Resolution	1280 x 1024 pixels
Audio input	0.1-1.2 V/10 kΩ (RCA) 0.7 V/30 Ω (3.5 mm jack)
Video input	1 Vpp/75 Ω
Audio output	1 Vpp/75 Ω
Power supply	via encl. power supply
Admiss. ambient temp.	0-40 °C
Dimensions	420 x 360 x 60 mm (w/o base)
Weight	3.5 kg
Connections	1 x BNC in 1 x BNC out 1 x D-sub (VGA) 2 x HDMI™ 1 x RCA L/R, audio in 1 x 3.5 mm stereo jack, audio out 1 x micro USB



TFT-215LED

Order No. 18.4310



LCD colour monitor, with LED backlight for a high colour brilliance and Full HD resolution for a very detailed image.

- Visible diagonal screen size: 54.6 cm (21.5")
- Response time: 8 ms
- Viewing angle: 178° horizontal and 178° vertical
- Contrast ratio: 1,000:1
- Brightness: 250 cd/m²
- Built-in speakers
- Connections: HDMI™ and VGA
- Perforated rear panel according to VESA 100 standard
- Operation via on-screen menu (OSD)

Model	TFT-215LED
Colour system	PAL/NTSC
Screen diagonal	54.6 cm (21.5")
Resolution	1920 x 1080 pixels
Power supply	~ 100-240 V/50-60 Hz/25 W
Admiss. ambient temp.	5-35 °C
Dimensions	510 x 315 x 45 mm (w/o base)
Weight	3.2 kg
Connections	1 x HDMI™ 1 x D-sub (VGA) 1 x 3.5 mm stereo jack, audio in



Monitors

TFT-1002LED

Order No. 18.4900



LCD colour monitor with LED backlight, for surveillance systems and multimedia applications.

- Visible diagonal screen size: 25.65 cm (10.1")
- 2 x HDMI™ video input (Full HD 1080p)
- VGA input
- Viewing angle: 170° horizontal/vertical
- Contrast ratio: 800:1
- Brightness: 350 cd/m², 16.2 million colours
- Built-in speakers (2 x 2 W)
- Picture-in-picture function (PIP)
- Operation via on-screen menu (OSD) and supplied infrared remote control
- Metal housing and metal base
- Perforated rear panel according to VESA-75 standard
- Supplied with VGA cable, audio cable and matching power supply

Model	TFT-1002LED
Colour system	PAL/NTSC
Screen diagonal	25.65 cm (10.1")
Aspect ratio	16:10
Resolution	hor. 1280 x vert. 800 pixels
Video input	1 Vpp/75 Ω
Video output	1 Vpp/75 Ω
Power supply	via encl. power supply
Admiss. ambient temp.	0-40 °C
Dimensions	255 x 220 x 96 mm
Weight	1.7 kg
Connections	2 x HDMI™ 1 x VGA 1 x USB 1 x BNC (video in) 1 x RCA L/R (audio in) 1 x BNC (video out)



TFT-800LED

Order No. 18.9020



LCD colour monitor with LED backlight, for surveillance systems and multimedia applications.

- Visible diagonal screen size: 20.3 cm (8")
- HDMI™ video input (Full HD 1080p)
- VGA input
- Viewing angle: 150° horizontal, 145° vertical
- Contrast ratio: 700:1
- Brightness: 500 cd/m², 16.2 million colours
- Built-in speaker (2 W)
- Operation via on-screen menu (OSD) and supplied infrared remote control
- Supplied with base, HDMI™ cable, audio cable and matching power supply

Model	TFT-800LED
Colour system	PAL
Screen diagonal	20.3 cm (8")
Resolution	hor. 1024 x vert. 600 pixels
Audio input	0.7 V/30 Ω (3.5 mm jack)
Video input	1 Vpp/75 Ω
Power supply	via encl. power supply
Admiss. ambient temp.	0-40 °C
Dimensions	210 x 151 x 36 mm
Weight	850 g
Connections	1 x HDMI™ 1 x VGA 1 x BNC (video in) 1 x 3.5 mm jack (audio in) 1 x USB



HYB-700TEST

Order No. 18.0108



Multifunction tester, for installation and testing of AHD, TVI, CVI, SDI, CVBS and IP cameras.

- Integrated colour LCD screen
- Diagonal screen size: 17.5 cm (7")
- Integrated cable tester
- Power is provided via enclosed power supply or integrated 7.4 V rech. lithium polymer battery
- RS485/RS422 interface for PTZ cameras with PELCO D protocol and PELCO P protocol
- RJ45 jack for testing UTP cables
- 12 V power supply output for camera or converter
- USB charging port
- BNC jack in/out for camera image (720p, 1080p)
- HDMI™ input and output
- Audio input and audio output via 3.5 mm jack
- Integrated micro SD card slot (for media up to 32 GB)

- Multilingual on-screen menu (OSD)
- Rubber protective frame with carrying handle
- Supplied with protective bag and carrying strap, plug-in power supply, connection cable
- Dimensions: 270 x 150 x 43 mm
- Weight: 900 g

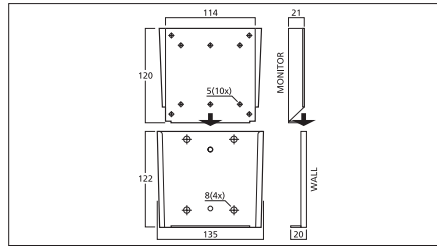


MST-10

Order No. 18.1130

Wall support for LCD monitors, also suitable for wall mounting of speaker systems.

- VESA 75 standard, VESA 100 standard
- Mounting plate for monitor can be removed, to be secured with screws

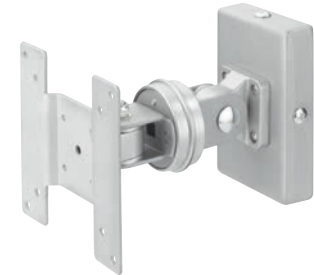
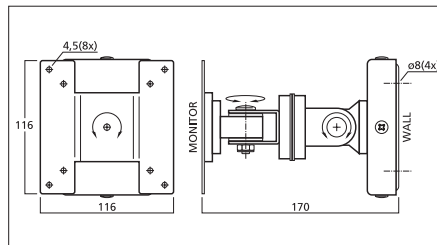


MST-16

Order No. 18.1160

Wall support for LCD monitors

- VESA 75 standard, VESA 100 standard
- Movable and tiltable
- Black lacquered metal version
- Suitable for LCD monitors with a diagonal screen size: 25-61 cm (10-24")



TVH-300

Order No. 18.2190

Camera mount, for wall mounting of dome cameras.

- For TVCCD-354HCOL, VIEWEX-350, VIEWEX-350/WS, VIEWEX-370, VIEWEX-370/WS
- Supplied with mounting accessories for wall mounting



TVD-60D

Order No. 18.4920

Mini speed dome camera dummy

- Flashing LED, 2 x 1.5 battery AA size required
- Current consumption: approx. 4 mA
- Camera mount for wall mounting or ceiling suspension
- Dimensions: Ø 128 mm x 240 mm
- Supplied w/o batteries



TVD-55B

Order No. 18.4910

Camera dummy, for outdoor applications.

- Outdoor housing with sunshield and camera mount
- Day/night camera design with visible LEDs
- Flashing LED, 2 x 1.5 V battery AA size required
- Current consumption: approx. 12 mA
- With dummy connection cable
- Dimensions: Ø 80 mm x 140 mm
- Supplied w/o batteries



Accessories

AXDA-102HD

Order No. 18.9520



Video distributor, for high-resolution AHD, CVI, TVI video signals (1080p/720p).

- 1 input to 2 outputs
- BNC connections
- Power LED
- Power is provided via enclosed power supply
- Dimensions: 58 x 42 x 49 mm
- Weight: 55 g



AXDA-104HD

Order No. 18.9530



Video distributor, for high-resolution AHD, CVI, TVI video signals (1080p/720p).

- 1 input to 4 outputs
- BNC connections
- Power LED
- Power is provided via enclosed power supply
- Dimensions: 138 x 29 x 86 mm
- Weight: 120 g

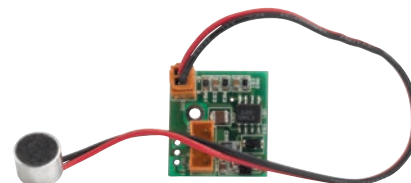


ECM-30A

Order No. 19.8940

Microphone module, for subsequent audio upgrading of video surveillance systems.

- Audio amplifier and electret microphone cartridge (Ø 10 mm x 7 mm), cardioid polar pattern



VB-120MIC

Order No. 18.8640

External microphone, for subsequently upgrading cameras without audio function.

- Microphone cartridge with high sensitivity (5.6 mV/Pa/1 kHz)
- Audio output: 2 V max.
- Power supply: \pm 12 V/10 mA



VB-100MIC

Order No. 18.1000

Adapter cable with integrated microphone, for subsequently upgrading cameras without audio function.

- 60 cm adapter cable for power supply, video (BNC), with audio output (RCA)



AXTU-102VPD

Order No. 18.9240

Passive 2-wire transmission set, for AHD/TVI video signals and CVBS video signals.

- For TVI signals up to 150 m, for AHD signals up to 50 m and for CVBS signals up to 100 m
- For twisted telephone cables and Cat. 5 network cables
- For free cable pairs in existing installations
- Cable connection via screw terminals
- BNC plug for transmitter and receiver
- Passive, no power supply required



VB-100VPD

Order No. 19.0360

Passive 2-wire transmission unit, for video signals, voltage signals and data signals.

- For general use as a transmitter or receiver
- For colour signals up to 300 m and for B/W signals up to 600 m



AHVB-240BNC

Order No. 18.7980

Surge protector, for AHD, TVI and CVI applications.

- For video coaxial cables
- Response time: < 1 ns
- Max. surge voltage: 4 kV
- Metal housing
- BNC connectors
- With 40 cm ground wire
- Dimensions: 25 x 25 x 75 mm



In order to allow for a perfect protection, one surge protector module must be fitted to each end of the cable.

PALUN-01

Order No. 18.0045



Power over Ethernet transmission set

- For transmission of PoE as well as IP signals via an RG59 coaxial cable with BNC connectors
- Consisting of a transmitter unit and a receiver unit
- Connection is made between PoE switch and IP network camera
- Compatible with standards IEEE802.3at and IEEE802.3af with automatic identification
- Automatic MDI/MDI-X identification
- RJ45 input and output, Cat. 5e version
- Maximum possible transmission range: 280 m



- Cable lengths to be configured:
 - Network cable between transmitter and PoE switch: 100 m max.
 - Network cable between receiver and IP camera: 100 m max.
 - RG59U coaxial cable between transmitter and receiver: 1-80 m
- Matching cables are not supplied, they are available at option.

AXS-100

Order No. 18.4790

Single-cable transmission system, for distances up to 600 m (cable type: RG-59).

- Consisting of 1 transmitter, 1 receiver as well as 1 power supply with connection cable
- Video transmission: AHD 720p/1080p and CVBS
- Suitable for cameras of the AXS series

- Power is provided via enclosed power supply = 48 V/1.25 A
- LED status indication
- Admissible ambient temperature: -10 °C to +45 °C



AXOC-201

Order No. 18.9936



2-channel single-cable transmission set

- Camera signals: AHD, CVI, TVI, CVBS
- Resolution: 1080p
- Cable length: 3-100 m (RG59)
- Scope of deliv.: 1 transm. module, 1 receiver module

- **Transmitter module/receiver module:**
- Connections: BNC jacks, low-voltage jack
- LED status indication
- Power supply: = 12 V/1 A via optional power supply (PSS-1210DC)
- Admissible ambient temperature: -30 °C to + 50 °C
- Dimensions: 64 x 24 x 80 mm
- Weight: 70 g



Accessories

HDTVI-100CON

Order No. 18.7990



HD-TVI converter, for parallel conversion of one HD-TVI video signal to a HDMI™ connection, a VGA connection and a composite video connection, e.g. for connecting one HD-TVI camera to three monitors.

- Input: 1 x HD-TVI
- Outputs: 1 x HDMI™, 1 x VGA, 1 x composite video

- Adjustable resolution
- LED for indicating operating status, HD-TVI signal and HDMI™ output
- Supplied with mounting accessories
- Power is provided via enclosed plug-in power supply



HDAW-203

Order No. 18.9600



HDMI™ audio signal splitter, modulates/demodulates an audio signal to the HDMI™ signal.

- 1 x HDMI™ input, 1 x HDMI™ output
- 1 x RCA input L/R, 1 x RCA output L/R, switchable
- 1 x coaxial input, 1 x coaxial output, switchable
- 1 x optical input, 1 x optical output

- Supported video resolution: VGA, 720p, 1080p up to 4K
- Supplied with remote control
- Power is provided via enclosed plug-in power supply
- Dimensions: 140 x 23 x 71 mm
- Weight: 225 g



HDMA-220WL

Order No. 06.9160



Wireless transmission set, 5.8 GHz, for HDMI™ signals.

- Resolutions: 1080p, 1080i, 720p, 480p, 480i
- Operating range: approx. 20-30 m indoors, up to 100 m outdoors (visual contact)
- Supports remote control of connected HDMI™ device (infrared forwarding)
- Scope of delivery: 1 transmitter module, 1 receiver module, 2 plug-in power supplies, 1 infrared transmitter unit, 1 infrared receiver unit

Transmitter module/receiver module:

- Connections: HDMI™ jack, low-voltage jack, connection for infrared unit
 - Reset switch
 - Power is provided via enclosed plug-in power supply
 - Dimensions: 195 x 31 x 104 mm (w/o antenna)
 - Weight: 540 g
- Licence-free in the EU.



INS-100Z

Order No. 18.4840



Transmission set, for transmitting HDMI™ signals via network cable with a length of up to 100 m.

- Resolution: 1080p with a 100 m Cat. 5 cable (individual connection transmitter/receiver)
- Up to 5 receivers INS-100R can be operated in one network when using Cat. 6 cables in a gigabit network
- Supplied with infrared sensors for utilising remote controls of external devices
- Scope of delivery: 1 transmitter module, 1 receiver module, 2 plug-in power supplies

- Power is provided via enclosed plug-in power supply
- Dimensions: 97 x 24 x 94 mm
- Weight: 145 g

Receiver module:

- Connections: HDMI™ jack, RJ45, low-voltage jack
- LED status indication
- Power is provided via enclosed plug-in power supply
- Dimensions: 97 x 24 x 94 mm
- Weight: 142 g

Transmitter module:

- Connections: HDMI™ jack, RJ45, low-voltage jack
- LED status indication



INS-100R

Order No. 18.4830



Receiver, for receiving HDMI™ signals via network cable with a length of up to 100 m.

- For extending the transmission set INS-100Z
- Resolution: 1080p with Cat. 6 cable when using multiple receivers in a gigabit network
- Supplied with IR sensor for utilising remote controls of external devices

- Connections: HDMI™ jack, RJ45, low-voltage jack
- LED status indication
- Power is provided via enclosed plug-in power supply
- Dimensions: 97 x 24 x 94 mm
- Weight: 142 g



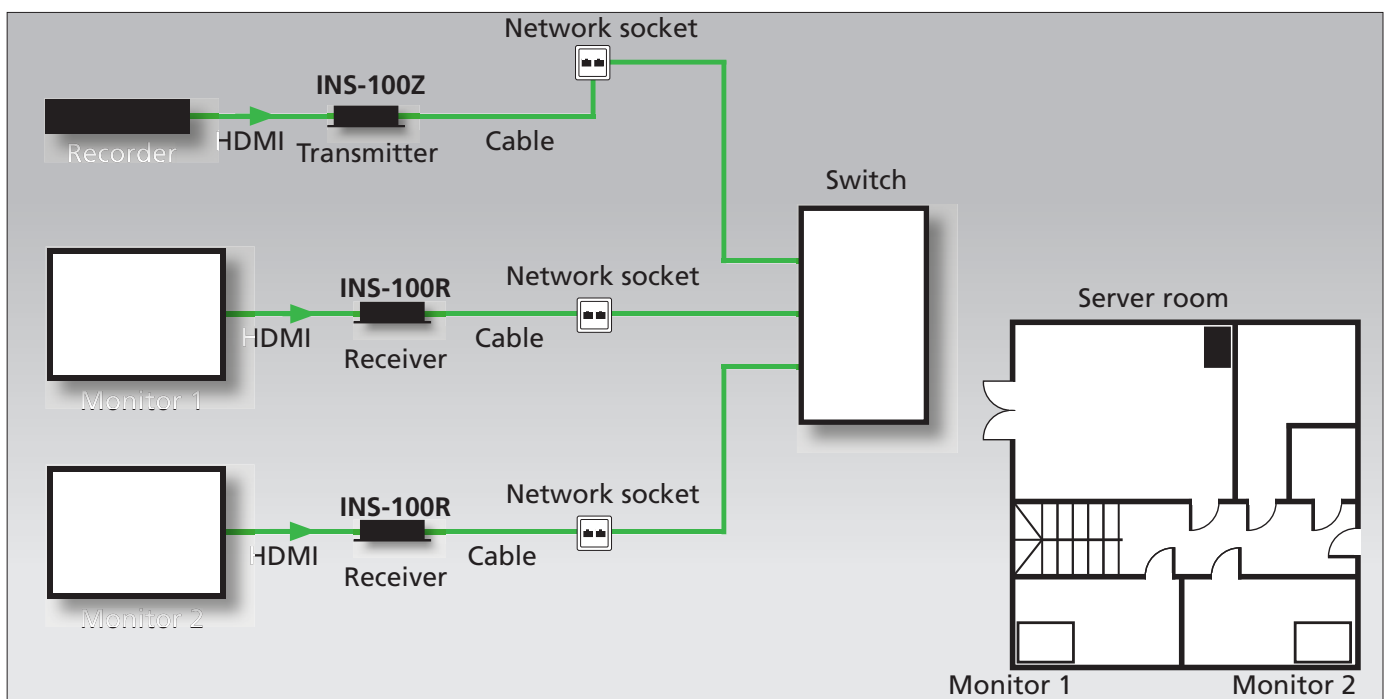
HDMI™ via Network? Yes, of Course!

Time and again, high-resolution output signals have to be transmitted over a great distance or even simultaneously be displayed at various locations using a computer, recording devices or similar products.

To facilitate this, we usually have to lay new signal cables. This is often very complex because HDMI™ signals can only be transmitted over a short distance without additional amplification and those cables are very inflexible. When changing the location, most often the entire cabling has to be renewed with great effort.

Modern and efficient technology provides more flexible solutions. The transmission system **INS-100Z** converts the HDMI™ signal into a network signal and then transmits it via standard network connection. Thus, the receiver of the set can be connected to any jack of the network. Receiver and transmitter recognise each other automatically.

However, the set can do much more: you can insert up to 4 additional receivers **INS-100R** into the system. Thus, it is possible to simultaneously transmit 1 HDMI™ signal to 5 monitors within the network. A standard 1,000 Mbit network is sufficient to ensure transmission of these data volumes.



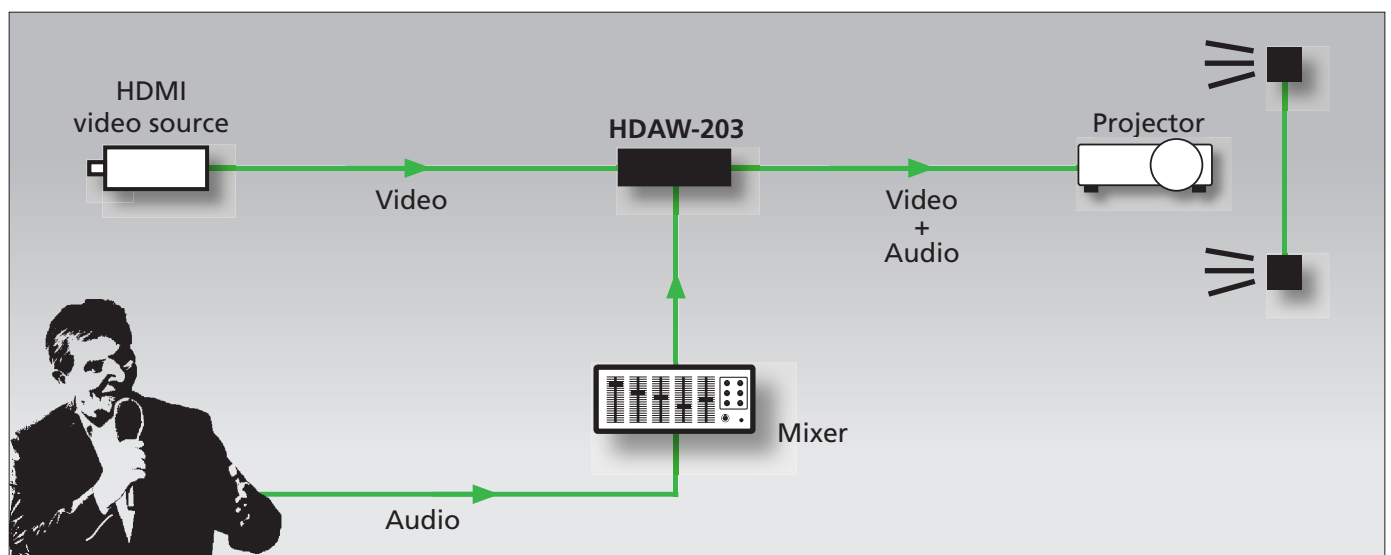
HDMI™ Transmission Provides High-quality Video Images and Audio Signals

However, the video source is not always suitable for recording audio signals or instead of being transmitted via a projector or TV, audio signals are to be transmitted via an external audio system. For this purpose, the audio signal which is included in HDMI™ must be processed separately from the video signal.

As a solution, MONACOR offers the HDMI™ audio signal splitter **HDAW-203**.

This splitter allows you to separate the audio signal from the video signal and to use it separately or to add an external audio signal to the video signal.

Thus, it is possible to feed microphone signals of a panel discussion or your own sports commentary to the video image.



2-channel Single-cable Transmission Set

This single-cable transmission set can be used in two ways to meet typical requirements of practical operation.

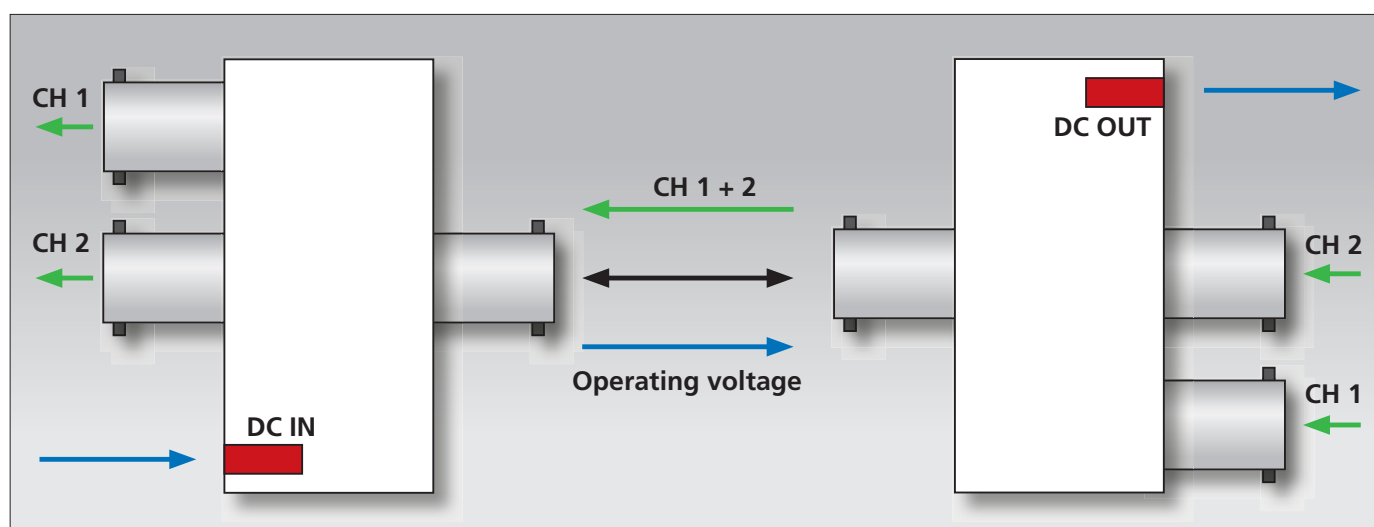
Although a video cable (**RG-59**) was laid to the mounting position of the camera, we failed to also lay a second cable for supplying the operating voltage. If it is not possible to subsequently provide a second cable for the operating voltage on-site, the **AXOC-201** is often the only possibility to still implement the project.

When using the adapter, both video signal and operating voltage are fed through the coaxial cable.

Although this is already quite outstanding, the **AXOC-201** can do much more. The highlight: you can connect two cameras instead of one. Contrary to initial planning, previous practical experience has often shown that instead of watching just one direction, customers want to cover two directions from one location. With the **AXOC-201**, upgrading video cameras can easily be done.

The video cable to be used is allowed to have a length of 3-100 m.

The AXOC adapter supports the current signal standards AHD, TVI, CVI and CVBS with a resolution of up to 2 megapixels.



Accessories

HDMS-208

Order No. 06.7900



8-way HDMI™ splitter, for alternatively connecting 2 players to up to 8 HDMI™ monitors.

- Input source can be selected via switch
- Compatible with HDMI™ Deep Colour
- Conforms to HDCP standard
- Inputs: 2 x 19-pole HDMI™ Type-A jack
- Outputs: 8 x 19-pole HDMI™ Type-A jack

- Power is provided via enclosed power supply
- Dimensions: 440 x 55 x 210 mm
- Weight: 2.4 kg



HDMS-1042

Order No. 06.7880



4-way HDMI™ splitter, for alternatively connecting 1 player to up to 4 HDMI™ monitors.

- Compact, space-saving version
- Compatible with HDMI™ Deep Colour
- Conforms to HDCP standard
- Input: 1 x 19-pole HDMI™ Type-A jack
- Outputs: 4 x 19-pole HDMI™ Type-A jack

- Power is provided via enclosed power supply
- Dimensions: 155 x 25 x 75 mm
- Weight: 380 g



HDMS-4012

Order No. 06.7910



4-way HDMI™ switcher, for connecting 4 players to 1 HDMI™ monitor.

- Input source can be selected via supplied remote control
- Compact, space-saving version
- Compatible with HDMI™ high-speed
- Conforms to HDCP standard

- Inputs: 4 x 19-pole HDMI™ Type-A jack
- Output: 1 x 19-pole HDMI™ Type-A jack
- Power is provided via enclosed power supply
- Dimensions: 155 x 19 x 70 mm
- Weight: 260 g



HDMS-201

Order No. 06.7890



2-way HDMI™ switcher, for connecting 2 players to 1 HDMI™ monitor.

- Input source can be selected via switch
- Compatible with HDMI™ Deep Colour
- Conforms to HDCP standard
- Inputs: 2 x 19-pole HDMI™ jack
- Output: 1 x 19-pole HDMI™ jack

- Power is provided via enclosed power supply
- Dimensions: 87 x 18 x 45 mm
- Weight: 142 g



HDMA-101

Order No. 06.7870



HDMI™ repeater, for connecting 2 HDMI™ cables and for amplifying signals. For cable lengths of up to 30 m without any signal loss.

- Compatible with HDMI™ Deep Colour
- Conforms to HDCP standard

- 2 x 19-pole HDMI™ jack
- Power supply via HDMI™, no external power supply required
- Dimensions: 27 x 15 x 50 mm
- Weight: 16 g



HDRCA-100CON

Order No. 18.3960



HDMI™/composite converter, for converting a digital HDMI™ signal into an analogue component AV signal.

- Input: 1 x 19-pole HDMI™ jack
- Outputs: 3 x RCA (video, audio L, audio R)
- PAL/NTSC selector switch
- Metal housing with mounting flange

- Supplied with mounting accessories
- Admissible ambient temperature: 0-40 °C
- Power is provided via enclosed plug-in power supply
- Dimensions: 67 x 27 x 110 mm
- Weight: 165 g



HDMC-2500R/SW

Order No. 06.8530



HDMI™ high-speed connection cable, with integrated repeater.

- Integrated gain, perfect signal transmission
- Gold-plated contacts
- Fitted with 2 x 19-pole HDMI™ Type-A plug
- Length: 25 m



High-quality HDMI™ High-speed Connection Cables



- High-quality cables with 2 ferrite cores for an interference-free transmission, even with greater cable lengths
- Gold-plated contacts
- 2 x 19-pole HDMI™ Type-A plug w. shield. metal bodies



Model	Order No.	Length	Colour	Other features
HDMC-150M/SW	06.8400	1.5 m	black	Ethernet
HDMC-300M/SW	06.8410	3 m	black	Ethernet
HDMC-500M/SW	06.8420	5 m	black	Ethernet
HDMC-1000M/SW	06.8430	10 m	black	Ethernet
HDMC-1500M/SW	06.8440	15 m	black	Ethernet

Flat HDMI™ High-speed Connection Cables



- Gold-plated contacts
- Fitted with 2 x 19-pole HDMI™ Type-A plug

Model	Order No.	Length	Colour	Other features
HDMC-150F/SW	06.7960	1.5 m	black	CEC, Ethernet
HDMC-200F/SW	06.7990	2 m	black	CEC, Ethernet
HDMC-500F/SW	06.8050	5 m	black	CEC, Ethernet



HDMA-100W

Order No. 06.8070



HDMI™ adapter, right-angle

- Gold-plated contacts
- 19-pole HDMI™ Type-A plug to 19-pole HDMI™ jack

HDMA-300W

Order No. 06.9150



HDMI™ swivel adapter, 2 x 180°

- 2 turnable axes with 180° each
- Gold-plated contacts
- 19-pole HDMI™ Type-A plug to 19-pole HDMI™ jack

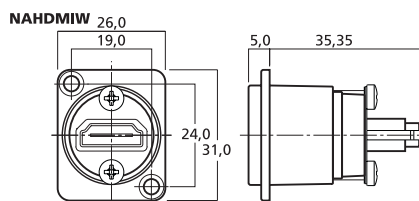
NAHDMIW

Order No. 34.8630



NAHDMIWB

Order No. 34.8640



HDMI™ feed-through panel jacks

- 19-pole HDMI™ Type-A jack on both ends
- Ground connection between HDMI™ jack and body

NAHDMIW = nickel-plated

NAHDMIWB = black

Accessories

TPE-TG80G

Order No. 06.9200



Gigabit Power over Ethernet switch

- 8 ports (RJ45) with 10/100/1,000 Mbps each, 8 PoE/PoE+ ports
- Bandwidth: 16 Gbps
- Power per port: 30 W (PoE+), 15.4 W (PoE)
- Total power of PoE: 105 W

- Compatible with standards IEEE802.3 10BaseT, IEEE802.3u 100BaseTX, IEEE802.3ab 1000BaseT, IEEE802.3at, IEEE802.3af, IEEE802.3x, IEEE802.3az
- Metal housing
- Power is provided via enclosed power supply
- Admissible ambient temperature: 0-40 °C
- Dimensions: 142 x 30 x 95 mm
- Weight: 400 g



TPE-TG44G

Order No. 06.9190



Gigabit Power over Ethernet switch

- 8 ports (RJ45) with 10/100/1,000 Mbps each, 4 of which PoE/PoE+ ports
- Bandwidth: 16 Gbps
- Power per port: 30 W (PoE+, 2 ports max.), 15.4 W (PoE, 4 ports max.)
- Total power of PoE: 60 W

- Compatible with standards IEEE802.3 10BaseT, IEEE802.3u 100BaseTX, IEEE802.3ab 1000BaseT, IEEE802.3at, IEEE802.3af, IEEE802.3x, IEEE802.3az
- Metal housing
- Power is provided via enclosed power supply
- Admissible ambient temperature: 0-40 °C
- Dimensions: 142 x 30 x 95 mm
- Weight: 380 g



POE-175MID

Order No. 18.1289



Gigabit Power over Ethernet injector, for feeding the supply voltage into a PoE network at any position required. For this purpose, an existing network cable is fed through.

- 1 port (RJ45) with 10/100/1,000 Mbps
- Output rating: 75 W
- Output voltage: ≈ 56 V
- Compatible with standard IEEE802.3af, IEEE802.3at

- Protective function in case of overload and cable disconnection
- Cable failure detection
- Power supply: ~ 100-240 V/50-60 Hz
- Dimensions: 80 x 45 x 190 mm
- Weight: 480 g

Please order matching mains cable AAC-180/SW or AAC-182/SW separately.



POE-130MID

Order No. 18.1287



Gigabit Power over Ethernet injector, for feeding the supply voltage into a PoE network at any position required. For this purpose, an existing network cable is fed through.

- 1 port (RJ45) with 10/100/1,000 Mbps
- Output rating: 30 W
- Output voltage: ≈ 56 V

- Compatible with standard IEEE802.3at
- Power supply: ~ 100-240 V/50-60 Hz
- Dimensions: 65 x 40 x 165 mm
- Weight: 230 g

Please order matching mains cable AAC-180/SW or AAC-182/SW separately.



Cat. 6 Flat Network Cables, U/UTP

- Very flat and flexible cable material (1.5 mm only), e.g. to easily lay underneath laminate flooring or behind skirting boards
- Small bending radius
- For 10GBASE-T Ethernet
- Data rate: 250 MHz max.
- RJ45 plug on both ends with moulded cable bending protection

- Gold-plated contact surfaces
- Configuration according to EIA/TIA 568
- Cable specification: 4x2xAWG 26/7 CU
- Width: 6 mm, thickness: 1.5 mm

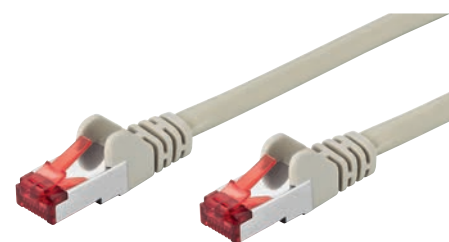


Model	Order No.	Length	Colour	Rating
CAT-605F/SW	06.9090	0.5 m	black	Cat. 6, 250 MHz
CAT-61F/SW	06.9100	1 m	black	Cat. 6, 250 MHz
CAT-62F/SW	06.9110	2 m	black	Cat. 6, 250 MHz
CAT-65F/SW	06.9120	5 m	black	Cat. 6, 250 MHz
CAT-610F/SW	06.9130	10 m	black	Cat. 6, 250 MHz

Cat. 6 Network Cables, Multiple Shielding, S/FTP

- 1 Gbps
- Conductor pairs in metal foil (PiMF)
- Overall braided shield
- RJ45 plug with moulded cable support sleeve

- Gold-plated contacts
- Configuration according to EIA/TIA 568
- Cable specification: 4x2xAWG 27/7 CU



Model	Order No.	Length	Colour	Rating
CAT-6025	06.8210	0.25 m	grey	Cat. 6, 250 MHz
CAT-605	06.8220	0.5 m	grey	Cat. 6, 250 MHz
CAT-61	06.8230	1 m	grey	Cat. 6, 250 MHz
CAT-62	06.8270	2 m	grey	Cat. 6, 250 MHz
CAT-63	06.8290	3 m	grey	Cat. 6, 250 MHz
CAT-65	06.8300	5 m	grey	Cat. 6, 250 MHz
CAT-610	06.8240	10 m	grey	Cat. 6, 250 MHz
CAT-620	06.8280	20 m	grey	Cat. 6, 250 MHz

Cat. 5e Network Cables, S/FTP

- 100 Mbps
- Double shielding
- RJ45 plug with moulded cable support sleeve

- Configuration according to EIA/TIA 568
- Cable specification: 4x2xAWG 26/7 CCA



Model	Order No.	Length	Colour	Rating
CAT-505	06.6500	0.5 m	grey	Cat. 5e, 100 MHz
CAT-51	06.6510	1 m	grey	Cat. 5e, 100 MHz
CAT-53	06.6520	3 m	grey	Cat. 5e, 100 MHz
CAT-55	06.6530	5 m	grey	Cat. 5e, 100 MHz
CAT-510	06.6980	10 m	grey	Cat. 5e, 100 MHz
CAT-520	06.6990	20 m	grey	Cat. 5e, 100 MHz
CAT-550	06.7000	50 m	grey	Cat. 5e, 100 MHz

SWITCH-8/1GB

Order No. 06.8620

8-port Gigabit Ethernet switch/hub

- Auto-switching 10/100/1,000 Mbps
- Standards: 802.3 Ethernet, 802.3u Fast Ethernet, 802.3ab Gigabit Ethernet, 802.3az EEE, IEEE 802.3x Flow Control
- Full-duplex and half-duplex for Ethernet and Fast Ethernet, full-duplex (2,000 Mbps) for Gigabit Ethernet

- Supports jumbo frames (9216 bytes) in Gigabit mode
- Automatic crossover detection and crossover adjustment
- 8 x RJ45 jack
- Power is provided via enclosed plug-in power supply



Accessories

CAT-7100A

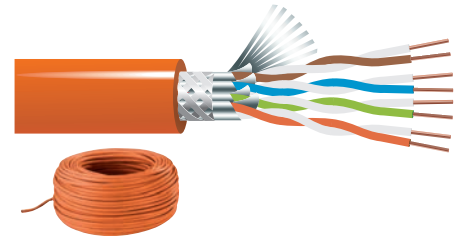
Order No. 06.8900

100m

Cat. 7_A installation cable, multiple shielding, S/FTP

- 100 m, shrink-wrapped coil
- 10 Gbps, 1,000 MHz
- Conductor pairs in metal foil (PiMF) and according to EIA/TIA 568

- Overall braided shield
- Cable specification: 4x2xAWG 23
- Outside diameter: Ø 7.50 mm



CAT-6100CCA

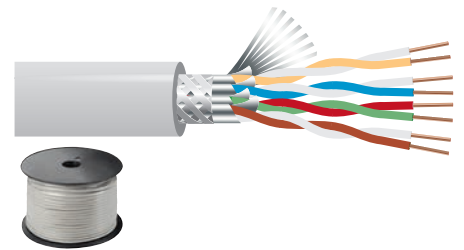
Order No. 06.8260

100m

Cat. 6 installation cable, multiple shielding, S/FTP

- 100 m reel
- 1 Gbps, 250 MHz
- Conductor pairs in metal foil (PiMF) and according to EIA/TIA 568

- Overall braided shield
- Cable specification: 4x2xAWG 23/1 CCA (copper-clad aluminium conductor)
- Outside diameter: Ø 8 mm



CAT-6JB

Order No. 08.0360

Network connection box

- Flush-mounted wall socket with surface-mounted frame for general applications
- Category 6 (Cat. 6), 10/100/1,000 Mbps
- 2 x RJ45 jack
- Fully shielded version with cable strain relief

- LSA connection technology
- Colour coding according to EIA/TIA 568 A/B
- Dimensions: 80 x 80 x 45 mm
- Weight: 180 g



CAT-5100UTP

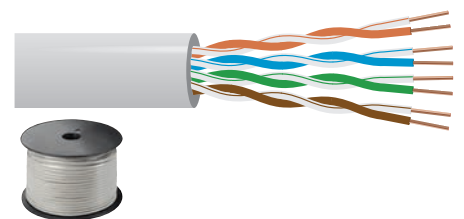
Order No. 06.1260

100m

Cat. 5e installation cable, 125 MHz UTP

- 100 m reel
- 4 x (2 x 0.14 mm²)
- Without shielding

- Cable specification: 4x2xAWG 26/7 CU (copper conductor)
- Outside diameter: Ø 6 mm



CAT-1TEST

Order No. 29.2070

Line tester, for testing the continuity of Cat. 5, Cat. 6 and ISDN network lines.

- Connection test with LED indication for 8 single cores and shielding
- Detection of continuity, miswiring, disconnection, short circuit, crossover cable and earthing

- Power supply via 9 V battery (not supplied)
- Supplied with protective bag

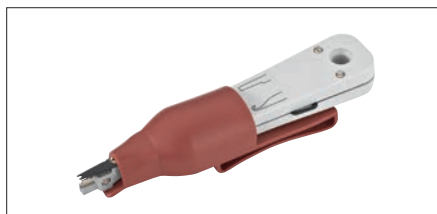


CAT-1TOOL

Order No. 31.0060

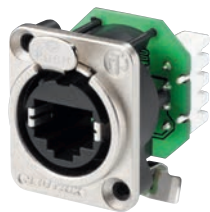
Network punch down tool, for professional wiring, e.g. of patch panels and network sockets.

- For LSA connection technology (without soldering, screwing and stripping)
- Metal insertion blade
- Draw-hook and blade release, folding
- Belt clip



NE-8FDVYK

Order No. 34.6690



EtherCon panel jack

- RJ45 jack with insulation displacement connectors (IDC)
- Strain relief
- Complies with Cat. 5 requirements

NE-8FDYC6

Order No. 34.4070



NE-8FDYC6B

Order No. 34.4080



EtherCon panel jacks

- Complies with Cat. 6 requirements
- RJ45 jack with tool-free and gas-tight insulation displacement connectors (IDC)
- Earthing jumper with selectable grounding option

NE-8FDYC6 = nickel-plated

NE-8FDYC6B = black

NE-8FDP

Order No. 34.6890



NE-8FDPB

Order No. 34.8750



EtherCon feed-through panel jacks

- RJ45 jack with strain relief
- RJ45 jack in patch version
- Complies with Cat. 5 requirements

NE-8FDP = nickel-plated

NE-8FDPB = black

NE-8MC

Order No. 34.6700



EtherCon connector shell

- For twisted pair cables with an outside diameter of up to 8 mm
- Diecast shell with cable bending protection
- Complies with Cat. 5 requirements

Note:

The EtherCon connector shell must be connected to a Cat. cable fitted with an RJ45 plug.

CAT-6C

Order No. 08.0350

Cat. 6 dual inline jack

- For extending Cat. 6 network cables as required
- Fitted with RJ45 jacks on both ends
- Fully wired (all 8 poles)
- Diecast metal housing, with shielding

Image similar.



CAT-5CO

Order No. 08.0340

Cat. 5 crossover adapter

- For adapting a 1:1 Cat. 5 patch cable to a crossover patch cable
- RJ45 jack to RJ45 plug, 8 poles
- Plastic body, unshielded
- 10/100BASE-T, TIA 568 B



PATCH-24

Order No. 06.8310



24-port patch panel, for network installations.

- Category 6 (Cat. 6), 10/100/1,000 Mbps
- 24 x RJ45 jack
- Fully shielded version with cable strain relief
- LSA connection technology
- Colour codes according to EIA/TIA 568 A/B, printed on the PCB for an easier orientation
- Earthing connection

- 482 mm (19", 1 RS) rack installation
- Dimensions: 482 x 46 x 15 mm
- Weight: 1.57 kg



PATCH-8

Order No. 06.8320

8-port patch panel, for network installations.

- Category 6 (Cat. 6), 10/100/1,000 Mbps
- 8 x RJ45 jack
- Fully shielded version with cable strain relief
- LSA connection technology

- Colour codes according to EIA/TIA 568 A/B, printed on the PCB for an easier orientation
- Earthing connection
- Dimensions: 160 x 44 x 110 mm
- Weight: 600 g



Accessories

BNC Connection Cables

- 75 Ω connection cable RG-59/U
- 2 x BNC plug

Model	Order No.	Length	Special feature
BNC-050	08.0140	0.5 m	nickel-plated
BNC-100	08.0020	1 m	nickel-plated
BNC-100G	08.0030	1 m	gold-plated
BNC-300	08.0120	3 m	nickel-plated
BNC-300G	08.0130	3 m	gold-plated
BNC-1000	08.0180	10 m	-
BNC-2500	08.0190	25 m	nickel-plated



BNC-501

Order No. 08.0300

BNC connection cable

- 75 Ω connection cable RG-59/U
- BNC plug and BNC inline jack, nickel-plated
- Length: 5 m



Video Combination Cables

Particularly suitable for simultaneously connecting video signals and power supply to HD cameras.

- 1 x BNC plug on both ends for video connection, cable material: 75 Ω RG-59/U

10 m

- 1 x low-voltage plug/low-voltage inline jack
Ø 5.5/2.1 mm each, for connecting a power supply

Model	Order No.	Length	Colour	Special feature	Other features
VSC-100/SW	15.0790	10 m	black	-	-
VSC-100/WS	15.0290	10 m	white	-	-
VSC-180/SW	15.0800	18 m	black	-	-
VSC-180/WS	15.0280	18 m	white	-	-



ACC-168/100

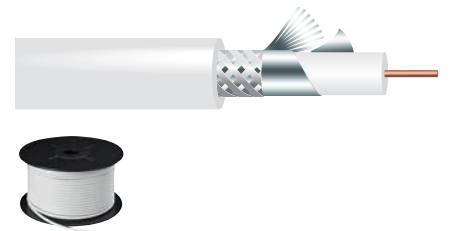
Order No. 15.0770



High-quality coaxial antenna cable, 75 Ω, white, for digital cable TV and satellite systems.

- Shielding value: 100 dB, class A according to EN 50117
- 100 m reel
- Rigid internal copper conductor: Ø 1.13 mm

- Double shielding
 - Attenuation (100 m): 5.2 dB/100 MHz
 - Cable diameter: Ø 6.8 mm
 - Metre marking
- Matching F connector: FCH-14



KHD-1

Order No. 15.0250

250 m

AHD TVI video coaxial cable, low-loss, 250 m, 75 Ω, for CCTV installations with long cables and HD video transmissions of the HYBRID Line.

- Rigid internal copper conductor: Ø 1 mm
- Double shielding, covering: 100% copper foil, 60% copper braid

- Attenuation (100 m): 1.4 dB/5 MHz, cable capacitance: 55±2 pF/m
- PVC sleeve, Ø 6.5 mm, black, with metre marking
- Required crimp plug NBNC-75BTS11 is available at option



VCC-100/SW

Order No. 15.0700

100 m

VCC-300/SW

Order No. 15.0710

300 m

Video coaxial cables, 75 Ω.

- Cable material: RG-59/U
- Rigid internal conductor: Ø 0.65 mm
- Double shielding
- Outside diameter: Ø 6 mm

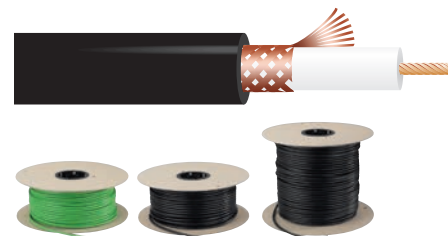


Video Coaxial Cables, 75 Ω

- Ø 6.0 mm
- Highly flexible due to bunched internal conductor: Ø 0.6 mm

TKZolY 100 m

- Braided copper shield
- Attenuation: 2.8 dB/100 m @ 5 MHz



Model	Order No.	Length	Colour
VCC-59	15.0320	100 m	green
VCC-59/SW	15.0530	100 m	black
VCC-259/SW	15.0560	200 m	black

VSC-103/SW

Order No. 15.0690

100 m

Video combination cable

- 100 m reel
- 75 Ω coaxial cable with rigid internal conductor: Ø 0.6 mm, attenuation: 5.3 dB/100 m @ 10 MHz
- 2 x 0.75 mm², litz wire, e.g. for power supply (48 V max.) of CCTV cameras

- Outside diameter: Ø 8 mm
- Suitable for combination with video and voltage distributor VSV-9A
- Matching BNC plug: UG-88/UCR58



VSC-152/SW

Order No. 15.0570

150 m

VSC-502/SW

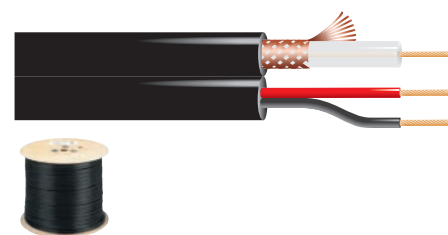
Order No. 50.5150

500 m

Video combination cables

- 75 Ω coaxial cable, bunched internal conductor: Ø 0.6 mm, attenuation: 2.5 dB/100 m @ 5 MHz
- 2 x 0.75 mm², e.g. for power supply (48 V max.) of CCTV cameras

- Highly flexible version
- Matching BNC plug: UG-88/UCR



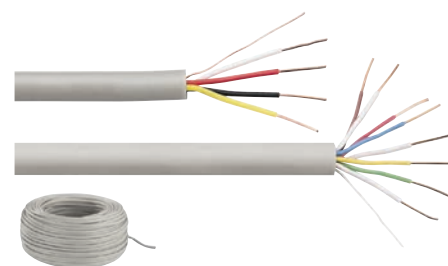
Signal Cables

For alarm, PA and communication technology.

- 100 m coil
- Type J-Y(St)Y acc. to VDE 0815
- Copper index: 21 kg/km
- Common foil shield

100 m

- Copper wires with coloured insulation
- JYSTY-2208 is suitable for the wiring of 100 V PA systems, cross section of each core: 0.5 mm².



Model	Order No.	Cable diameter	Internal conductor
JYSTY-2208	11.1340	Ø 7 mm	4 x Ø 0.8 mm, 0.5 mm ²
JYSTY-2206	19.2310	Ø 5.5 mm	4 x Ø 0.6 mm, 0.28 mm ²

Accessories

NBNC-75BFG7

Order No. 34.6480

NBNC-75BLP7

Order No. 34.6330

NBNC-75BTS11

Order No. 34.8920



BNC plugs, 75 Ω

- High-quality PTFE insulation
- Gold-plated contacts
- Centre pin for crimping

NBNC-75BFG7 = for cables: Ø 4.6 mm

NBNC-75BLP7 = for cables: Ø 6.3 mm

NBNC-75BTS11 = for cables: Ø 6.9 mm

UG-88/UCR

Order No. 34.3300

UG-88/UCR58

Order No. 34.2880

BNC crimp plugs

- High-quality PTFE insulation
- Centre pin for crimping

UG-88/UCR = 75 Ω

UG-88/UCR58 = 50 Ω



UG-88/S58

Order No. 34.8370

BNC screw plug for cables: Ø 5 mm, 50 Ω

Suitable for RG-58 cables with rigid internal conductor.



UG-88/S

Order No. 34.8360

BNC screw plug for cables: Ø 6 mm, 75 Ω

Suitable for RG-59 antenna cables with rigid internal conductor.



NBB-75DFI

Order No. 34.6450

NBB-75DFIB

Order No. 34.6460



BNC feed-through jacks, 75 Ω

NBB-75DFIB = black

BNC-1511

Order No. 34.0040

BNC adapter, 50 Ω, with 2 x BNC jack, mounting hole: Ø 12 mm.



UG-914/U

Order No. 34.2040

BNC connector, 50 Ω

2 x BNC jack.



BNC-1523

Order No. 06.0100



BNC-1523G

Order No. 06.0110

Adapters BNC plug/RCA jack

BNC-1523G = gold-plated



NC-1524

Order No. 06.0970

NC-1524G

Order No. 06.2830



Adapters BNC jack/RCA plug

NC-1524G = gold-plated



DCA-10

Order No. 08.0230

Power supply connection cable, to allow for a quick installation.

- Low-voltage plug 5.5/2.1 mm and luster terminal and polarity identification



T-521JST

Order No. 34.8930

Low-voltage inline jack, 5.5/2.1 mm, with plug-in screw terminal and polarity identification.



T-521AP

Order No. 34.8420

T-525AP

Order No. 34.8430

Low-voltage plug, right-angle, 2 poles, coaxial.

T-521AP = 5.5/2.1 mm
T-525AP = 5.5/2.5 mm



T-521J

Order No. 34.6120

T-525J

Order No. 34.6930

Low-voltage inline jack, 2 poles, coaxial, with cable bending protection.

T-521J = 5.5/2.1 mm
T-525J = 5.5/2.5 mm



T-521PST

Order No. 34.8940

Low-voltage plug, 5.5/2.1 mm, with plug-in screw terminal and polarity identification.



T-521P

Order No. 34.6100

T-525P

Order No. 34.6110

Low-voltage plug, 2 poles, coaxial, with cable bending protection.

T-521P = 5.5/2.1 mm
T-525P = 5.5/2.5 mm



PSA-14

Order No. 08.0270

Power supply splitter cable, 5-way

For operating 4 cameras and 1 digital recorder via one power supply.

- 4 x low-voltage plug 5.5/2.1 mm (camera)
- 1 x low-voltage plug 5.5/2.1 mm with ferrite core for interference suppression (digital recorder)
- 1 x low-voltage inline jack 5.5/2.1 mm (power supply)
- Cable length: 20 cm



PD-109

Order No. 05.0045

Voltage distributor, 1 input to 9 outputs.

- For simultaneous power supply of several CCTV cameras via one power supply
- Each output protected against short circuit via PTC protection



CCTV-LABL/OS

Order No. 46.2790

Sticker "SECURITY", adheres to the outside

- Size: 120 x 80 mm
- Material: PVC film
- Resistance to weathering and light: 2 years
- Adhesive strength: 2 years



CCTV-LABL/IS

Order No. 46.2780

Sticker "SECURITY", adheres to the inside

- Size: 120 x 80 mm
- Material: PVC film
- Resistance to weathering and light: 2 years
- Adhesive strength: 2 years



ALARM-LABL/OS

Order No. 46.2770

Sticker "ALARM", adheres to the outside

- Size: 120 x 80 mm
- Material: PVC film
- Resist. to weathering and light: 2 years
- Adhesive strength: 2 years



ALARM-LABL/IS

Order No. 46.2760

Sticker "ALARM", adheres to the inside

- Size: 120 x 80 mm
- Material: PVC film
- Resist. to weathering and light: 2 years
- Adhesive strength: 2 years



Power Supplies

PSS-1210DC

Order No. 27.3210



Switch-mode power supply,

≡ 12 V/1 A,

high energy efficiency, complies with the EU ecodesign directive.

- Saves electr. costs due to low power consumpt. in standby mode (< 0.3 W)
- Protected against short circuit, overload and overheating
- Power LED
- 1.8 m connection cable
- Low-voltage plug 5.5/2.1 mm, positive pole at the internal contact



PSS-1230DC

Order No. 27.3220



Switch-mode power supply,

≡ 12 V/3 A,

high energy efficiency, complies with the EU ecodesign directive.

- Saves electr. costs due to low power consumpt. in standby mode (< 0.3 W)
- Protected against short circuit, overload and overheating
- Power LED
- 1.8 m connection cable
- Low-voltage plug 5.5/2.1 mm, positive pole at the internal contact



PSS-1250DC

Order No. 27.3230



Switch-mode power supply,

≡ 12 V/5 A,

high energy efficiency, complies with the EU ecodesign directive.

- Saves electricity costs due to low power consumption in standby mode (< 0.5 W)
- Protected against short circuit, overload and overheating
- Power LED
- 1.8 m connection cable
- Low-voltage plug 5.5/2.1 mm, positive pole at the internal contact



PSS-5000

Order No. 27.1840



Switch-mode power supply, 5 A max.,

high energy efficiency, complies with the EU ecodesign directive.

- Saves electricity costs due to low power consumption in standby mode (< 0.5 W)
- Switchable output voltage
- Protected against short circuit, overload and overheating
- Power LED
- 1.8 m connection cable



- Selectable polarity by reversing the supplied adapters
- 7 plug-in adapters: plugs: 2.5 mm, 3.5 mm, hollow plugs: 2.35/0.75 mm, 3.5/1.35 mm, 5.0/2.1 mm, 5.5/2.5 mm

PS-120WP

Order No. 27.2000



12 V power supply for outdoor applications, with increased output current.

- Protected against short circuit, overload and overheating
- Low-voltage connections via 1.5 m cable, supplied with 7 plug-in adapters: plugs: 2.5 mm, 3.5 mm, hollow plugs: 2.35/0.75 mm, 3.5/1.35 mm, 5.0/2.1 mm, 5.5/2.1 mm, 5.5/2.5 mm; selectable polarity by reversing the supplied adapters
- ~ 230 V connection via 1.5 m mains cable with Euro plug



AP-24A3

Order No. 18.4080

Power supply, ~ 24 V, for indoor applications.

- Suitable for EPN-4220I
- Primary: ~ 230 V/50 Hz/100 VA
- Secondary: ~ 24 V/3 A
- Dimensions: 79 x 68 x 101 mm
- Weight: 1.2 kg



Model	PSS-1210DC	PSS-1230DC	PSS-1250DC	PSS-5000	PS-120WP	AP-24A3
Input voltage	~ 100-240 V/50-60 Hz/250 mA	~ 100-240 V/50-60 Hz/800 mA	~ 100-240 V/50-60 Hz/1,300 mA	~ 100-240 V/50-60 Hz/1,320 VA	~ 230 V/50 Hz/60 VA	~ 230 V/50 Hz/100 VA
Output voltage	≡ 12 V	≡ 12 V	≡ 12 V	≡ 6/7.5/9/12/13.5/15 V	≡ 12 V	~ 24 V
Charging/output current	1 A	3 A	5 A	5/5/5/3.8/3.8 A	2 A	3 A
Polarity selection	-	-	-	yes	yes	-
Switchable output voltage	-	-	-	yes	-	-
Connections	-	-	-	plug-in adapter	plug-in adapter	-
Cable length	-	-	-	1.8 m	1.5 m	-
Short-circuit protection	yes	yes	yes	yes	yes	-
Overload protection	yes	yes	yes	yes	yes	-
Overheat protection	yes	yes	yes	yes	yes	-
Protective class	-	-	-	-	IP65	-
Admiss. ambient temp.	0-40 °C	0-40 °C	0-40 °C	0-40 °C	-10 to +40 °C	0-40 °C
Dimensions	43 x 54 x 76 mm	50 x 32 x 116 mm	55 x 32 x 128 mm	70 x 37 x 140 mm	80 x 70 x 190 mm	79 x 68 x 101 mm
Weight	135 g	280 g	340 g	480 g	710 g	1.2 kg
Other features	-	-	-	eco	-	-

Cable Ties

Nylon, different versions.

100 x

Model	Order No.	Type	Colour	Length	Width
CT-100	03.1710	cable ties	white	100 mm	2.5 mm
CT-100/SW	03.1020	cable ties	black	100 mm	2.5 mm
CT-200	03.1750	cable ties	white	200 mm	3.2 mm
CT-200/SW	03.1030	cable ties	black	200 mm	3.6 mm



CC-142

Order No. 34.2270

CC-143

Order No. 34.2360

CC-145

Order No. 34.2460



Connecting terminals from WAGO

- Terminal with operating levers
- Individually combinable wires and cross sections from 0.14 to 4 mm²
- Power rating: 450 V/32 A
- Two test slots for any standard test prod

CC-142: 2-conductor terminal

CC-143: 3-conductor terminal

CC-145: 5-conductor terminal

CC-132

Order No. 34.8670

CC-133

Order No. 34.7180

CC-135

Order No. 34.7420



Connecting terminals from WAGO

- Terminal with operating levers
- For flexible conductors: 0.08-4 mm²
- For rigid conductors: up to 2.5 mm²
- Power rating 2.5 mm²: 400 V/24 A, 4 mm²: 400 V/32 A

CC-132: 2-conductor terminal

CC-133: 3-conductor terminal

CC-135: 5-conductor terminal

CC221-500

Order No. 34.0730

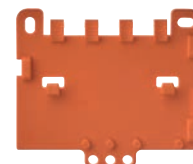
Mounting adapter from WAGO, for connecting terminals with 2, 3 and 5 conductors, e.g. CC-142, CC-143, CC-145.



CC222-505

Order No. 34.0740

Strain relief plate from WAGO, can be attached to mounting adapter CC221-500.



CC222-510

Order No. 34.0750

Universal angle adapter from WAGO, for installation onto DIN 35 mounting rail when combined with mounting adapter CC221-500.



MC-30/WS

Order No. 05.0541

MC-32/SW

Order No. 05.0043



Tabletop multi-socket power strips, with 3 earthed sockets.

- Sockets turned by 45°
- Cable specification: H05VV-F3G x 1.5 mm²
- 1.5 m connection cable with earthed plug



MC-60/WS

Order No. 05.0542

MC-62/SW

Order No. 05.0044



Tabletop multi-socket power strips, with 6 earthed sockets.

- White (WS) or black (SW)
- Sockets turned by 45°

- Cable specification: H05VV-F3G x 1.5 mm²
- 1.5 m connection cable with earthed plug



Alarm System

DA-8000

Order No. 04.3060

Alarm control panel with 8 loops and LCD alarm keypad

- Microprocessor-controlled
- 8 loops, to be programmed as desired
- 1 tamper loop
- One alarm output each for siren (500 mA max.) and flash (250 mA max.)
- Operation via English menu control, programming and display via remote LCD alarm keypad
- 32-digit backlit LCD
- Connection of up to four LCD alarm keypads to one alarm control panel possible (optional LCD alarm keypad: DA-8000RC)
- Programmable output for various features (e.g. telephone dialling unit)
- Alarm/event memory for up to 256 events max. (w/o date and time) or 64 events with date and time
- Maximum storage of up to 9 user codes

- Connection facility for key switch
- Instruction manual in 4 languages (D, GB, F, I)

Please order matching rechargeable lead battery NPA-12/7 separately.

Model	DA-8000
Entry delay	0-198 s
Exit delay	0-99 s, or to be adjusted externally
Alarm duration	0-99 min.
Display	LCD
Tamper loop	yes
Alarm loops wired	8
Operating volt. (poss. altern.)	≈ 12 V
Current consumption	50 mA (standby)
Admiss. ambient temp.	0-50 °C
Power supply	~ 230 V/50 Hz/50 VA
Power supply (poss. alternative)	≈ 12 V/1 A
Dimensions	250 x 195 x 75 mm (alarm contr. panel) 90 x 115 x 25 mm (alarm keypad)
Weight	1.38 kg



DA-8000RC

Order No. 04.3070

Additional **LCD alarm keypad**, for alarm control panel DA-8000. English menu control.



SN-1

Order No. 04.3190

Wall bracket, with inside cable routing, for mounting motion detectors MOUSE-02 and SMILE-19.

- For panning and tilting
- Dimensions: 36 x 62 x 58 mm
- Weight: 18 g



MOUSE-09

Order No. 04.7150

Dual infrared motion detector, with infrared detection and microwave detection.

- Higher detection reliability and prevention of false alarms due to dual detection (infrared and 10 GHz microwave technology)
- Tamper switch
- Walk test
- Adjustable sensitivity of the microwave detection
- 3 different configurations can be selected with the detector
- 4 selectable EOL resistors
- Matching wall bracket SN-1 is available at option

Model	MOUSE-09
Detection range	15 m
Detection angle	90°
Quiescent current	24 mA
Power supply	≈ 9-15 V
Alarm switches	NC, = 40 V/0.1 A
Admiss. ambient temp.	-10-+55 °C
Dimensions	60 x 110 x 46 mm
Weight	75 g



SMILE-19

Order No. 04.5070



Infrared motion detector, microprocessor-controlled.

- Digital technology
- Pulse counter for preventing false alarms
- Tamper switch
- Walk test
- Matching wall bracket SN-1 is available at option

Model	SMILE-19
Detection range	15 m
Detection angle	90°
Quiescent current	18 mA
Power supply	≈ 9-15 V
Alarm switches	NC = 24 V/0.2 A
Admiss. ambient temp.	-10-+55 °C
Dimensions	60 x 110 x 46 mm
Weight	65 g



SOUTDOOR-L

Order No. 04.7880

IP44

Dual-zone PIR motion detector, for outdoor applications.

- DIP switches for selecting detection characteristics
- Status LED
- Tamper switch
- Walk test
- Supplied with 4 additional fresnel lenses for volumetric (1x), horizontal (1x) and vertical (2x) curtain
- Matching wall bracket SN-3 is available at option

Model	SOUTDOOR-L
Detection range	6/12 m
Detection angle	90°
Quiescent current	14 mA
Power supply	≈ 10.5-13.8 V
Alarm switches	NC, ≈ 24 V/200 mA
Admiss. ambient temp.	-30+55 °C
Dimensions	85 x 185 x 70 mm
Weight	242 g



SOUTDOOR-T

Order No. 04.7890

IP44

Dual-zone PIR motion detector, with infrared detection and MW detection, for outdoor applications.

- Programming of motion detector via free software using a PC or laptop
- For superior coverage and immunity to false alarms due to additional MW detection
- DIP switches for selecting detection characteristics
- 4 relay outputs, to be configured as required
- Bicoloured status LED
- Tamper switch
- Walk test
- Matching wall bracket SN-3 is available at option

Model	SOUTDOOR-T
Detection range	3-15 m
Detection angle	90°
Quiescent current	46 mA
Power supply	≈ 9-15 V
Alarm switches	NC, ≈ 40 V/100 mA
Admiss. ambient temp.	-30+55 °C
Dimensions	85 x 185 x 70 mm
Weight	286 g



SN-3

Order No. 04.7870

Wall bracket

- For mounting motion detectors SOUTDOOR-L and SOUTDOOR-T
- For pivoting and tilting



COM-USB

Order No. 04.7860

USB adapter

- For connecting a PC/laptop to motion detector SOUTDOOR-T
- Micro-B USB jack



Alarm System

VOXOUT

Order No. 04.3550

Universal GSM telephone dialling unit

In case of an alarm, it allows to send messages (voice messages, SMS messages, CID) via the GSM network.

- Built-in dual band GSM interface
- Menu-controlled programming (German)
- Up to 8 telephone numbers can be assigned to each alarm event
- Remote control and remote access by entering the user code
- LCD



GD-04K

Order No. 04.7680

GSM dialling and control unit

The dialling unit features 4 alarm inputs for activating SMS messages and/or for calling up to 100 authorised telephone numbers. Additionally, 2 relay outputs can be controlled via SMS or telephone call.

- 4 alarm inputs
- 2 relay outputs (~ 230 V/5 A)
- Power is provided via enclosed plug-in power supply
- Programming via USB port with a PC/laptop (free GD-Link software available) or SMS commands



GD-04A

Order No. 04.3390

Housing front with integrated emergency power supply

- Matching the GD-04K (= 12 V/1.5 A)
- In case of a power failure, provides a standby time for each function of 12 hours min.
- To be mounted instead of the original housing cover



GBT-212

Order No. 04.1270

Glass breakage simulator, for testing the function of glass-breakage detectors JA-80PB and JA-85B.

The unit detects changes in air pressure caused by a vibrating glass panel and then automatically simulates the sound of breaking glass. The sound can also be activated manually by pressing the test button.

Model	GBT-212
Max. operating range	9 m
Admiss. ambient temp.	0-40 °C
Power supply	9 V battery
Dimensions	70 x 135 x 29 mm
Weight	130 g



RB-524/DIN

Order No. 04.5050

Universal power relay for DIN module

- Control voltage: 5-24 V $\overline{=}$
- Power rating: \sim 250 V/ $\overline{=}$ 24 V/16 A max.
- For DIN rail installations in control cabinets
- Conductor cross section of connection cables: 2 x 1.5 mm² or 1 x 2.5 mm²

Model	RB-524/DIN
Admiss. ambient temp.	-10+40 °C
Power supply	5-24 V $\overline{=}$, current consumption in standby: 5 V/80 mA, 12 V/40 mA, 24 V/25 mA
Dimensions	18 x 90 x 65 mm
Weight	50 g
Connections	screw terminals



UR-01

Order No. 04.7050

Universal relay module for DIN rail installations.

- Input power: \sim 230 V
- Features galvanically isolated change-over contacts
- Switching capacity: \sim 250 V/ $\overline{=}$ 24 V, 16 A max.
- Offers several functions
- Conductor cross section of connection cable: 2 x 1.5 mm² or 1 x 2.5 mm² max.

Model	UR-01
Admiss. ambient temp.	-10+40 °C
Power supply	\sim 230 V/50 Hz/0.3 VA, 0.8 VA max.
Dimensions	18 x 90 x 65 mm
Weight	64 g
Connections	screw terminals



TM-201A

Order No. 04.7920

Electronic thermometer, with integrated output relay, measures up to two temperature values.

- Multifunctional electronic thermometer to be used for installations in which two temp. values have to be measured for subsequently opening or closing a relay
- Visual alarm (LED indication) and audible alarm (siren) in case the selected temp. limits have been reached
- Temperature sensor CP-201T or CP-201T/NW and matching power supply, e.g. item DE-0612 are additionally required for operating electronic thermometer TM-201A

- Temperature measurement range: -40 °C to +125 °C
- Power rating: 250 V/1 A

Model	TM-201A
Admiss. ambient temp.	-10+40 °C
Power supply	$\overline{=}$ 11-15 V via separate power supply standby current consumption: 20 mA
Dimensions	80 x 80 x 29 mm
Weight	85 g
Connections	for temperature sensor CP-201T or CP-201T/NW



CP-201T

Order No. 04.7900



Temperature sensor, (1 pair).

- Matching temperature sensor for electronic thermometer TM-201A
- Supplied with mounting accessories
- Temperature measurement range: -25 °C to +105 °C

Model	CP-201T
Admiss. ambient temp.	-10+40 °C
Dimensions	3 m
Weight	130 g (pair)
Other features	IP67



CP-201T/NW

Order No. 04.7910

Temperature sensor, (1 pc.).

- Matching temperature sensor for electronic thermometer TM-201A
- Temperature measurement range: -25 °C to +105 °C

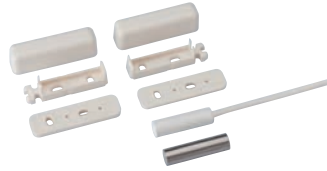
Model	CP-201T/NW
Admiss. ambient temp.	-10+40 °C
Dimensions	3 m
Weight	65 g
Other features	IP67



Alarm System

VDS-34SFF/WS

Order No. 04.2110



Reed contact, to be used in alarm systems for monitoring and securing doors and windows.

- Optionally flush mount. or surface mount. with suppl. cases, pulsed operation
- Designed as NC contact/opening detector
- Contact rating: $\approx 30\text{ V}/0.1\text{ A max.}$
- Magnet (AlNiCo500): $\varnothing 8 \times 30\text{ mm}$
- Connection cable: 4 cores
- Cable length: 4 m
- Type of mounting: for parallel mounting
- VdS (German assn. of property insurers) approval number: G199538, class B

VDS-34FF/WS

Order No. 04.0810



Reed contact, to be used in alarm systems for monitoring and securing doors and windows.

- For flush-mounting, pulsed operation
- Designed as NC contact/opening detector
- Contact rating: $\approx 30\text{ V}/0.1\text{ A max.}$
- Magnet (AlNiCo500): $\varnothing 8 \times 30\text{ mm}$
- Connection cable: 4 cores
- Cable length: 4 m
- VdS (German assn. of property insurers) approval number: G199538, class B

FF-50/WS

Order No. 04.0320



Reed contact, to be used in alarm systems for monitoring and securing doors and windows.

- For flush-mounting, pulsed operation
- Designed as NC contact/opening detector, contact closed when magnet distance $< 20\text{ mm}$
- Contact rating: $\approx 30\text{ V}/0.1\text{ A max.}$
- Magnet (AlNiCo500): $\varnothing 8\text{ mm} \times 30\text{ mm}$
- Connection cable: 2 cores
- Cable length: 2 m

FF-50S/WS

Order No. 04.0340



Reed contact to be used in alarm systems for monitoring and securing doors and windows.

- Optionally flush mounting or surface mounting with supplied cases, pulsed operation
- Designed as NC contact/opening detector, contact closed when magnet distance $< 20\text{ mm}$
- Contact rating: $\approx 30\text{ V}/0.1\text{ A max.}$
- Magnet (AlNiCo500): $\varnothing 8\text{ mm} \times 30\text{ mm}$
- Connection cable: 2 cores
- Cable length: 2 m
- Type of mounting: for parallel mounting

SAS-4/BN

Order No. 04.0700

SAS-4/WS

Order No. 04.0710



Reed contacts, to be used in alarm systems for monitoring and securing doors and windows.

- Brown (BN) or white (WS) housing
- Surfacing mounting, pulsed operation
- Designed as NC contact/opening detector
- Contact rating: $\approx 30\text{ V}/0.1\text{ A max.}$
- Contact: $50 \times 12 \times 14\text{ mm}$
- Magnet: $50 \times 14.5 \times 10\text{ mm}$
- Type of mounting: for parallel mounting

SAS-6VDS

Order No. 04.1540



Rolling gate magnetic switch

- Diecast
 - NC contact ($\approx 20\text{ V}/0.5\text{ A}/10\text{ W}$), closed when magnet distance $< 20\text{ mm}$, tamper loop
 - 1.8 m cable, 4 cores
 - Contact: $45 \times 15 \times 180\text{ mm}$, magnet: $104 \times 30 \times 47\text{ mm}$
- VdS (German assn. of property insurers) approval number: G191589

VDS-2GBD/WS

Order No. 04.1330



Glass breakage detector, with 4 m connection cable, white. Moulded and of compact size. Signal latching in case of glass breakage. Power supply via alarm control panel. NO contact.

- Detection range: 1.5 m max.
- Standby current: < 10 µA
- Power supply: 3-16 V
- Alarm switches: approx. 3.7 mA/6 V
- VdS (German assn. for property insurers) no.: G 196614, class B

SAS-5VDS

Order No. 04.1530



Electric lock release, for mounting into standard door locks.

- When locking the door, the bolt activates the contact (NO/NC, = 30 V/0.1 A)
- Micro switch IP50
- Contact material: fine silver
- Solder connection

VdS (German assn. of property insurers) approval number: G107060

IRS-100

Order No. 04.2940



Infrared reflection light barrier, with relay output and LED indication.

- Operating range: 0.2-14 m
- Relay contact rating: 30 V/2 A
- 2 m connection cable, 5 cores, 22AWG
- Weatherproof and hose-proof (IP66)
- Power supply: 12-30 V/100 mA
- Admissible ambient temperature: -20 °C to +55 °C

NSA-80

Order No. 04.1080

NSA-90

Order No. 04.1060



Alarm key switches

- Mat aluminium front panel, fibre glass reinforced polyester rear panel
- Tamper switch
- Dimensions: 88 x 118 x 50 mm

NSA-80 = surface-mounted, w/o cylinder lock

NSA-90 = surface-mounted, with cylinder lock and 3 keys

MPT-30/WS

Order No. 04.0960

MPT-30M

Order No. 04.0590



Cable protecting sleeves

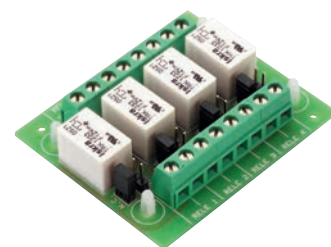
- Length: 300 mm, for protecting alarm wires at doors and windows, etc.
- Equipped with 2 mounting flanges

MPT-30/WS = white, inside: Ø 7 mm

MPT-30M = chromium-plated, inside: Ø 6 mm

SC-35

Order No. 04.3170

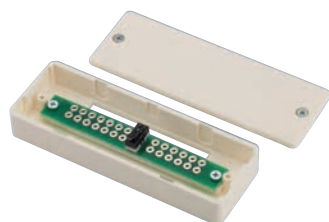


12 V relay module, e.g. for extending alarm control panels with semiconductor outputs.

- 4 independent relays
- Outputs alternatively NO/NC
- Current consumption: 12 V/18 mA per relay
- Relay contact: 1 A max.

DB-264/WS

Order No. 33.3880



Junction box

- 1 x 12 poles, PCB
- Tamper switch
- 40 x 113 x 20 mm

DB-247/WS

Order No. 33.0160



Junction box

- Small version, empty
- 44 x 30 x 15 mm

Alarm Units

SAG-22

Order No. 04.1870



Alarm unit, with strobe light system in LED technology.

- Visual and audible signalling device
- Impact-proof plastic housing with cover contact and tear-off wall cable
- Siren activation PCB and flashlight PCB are moisture-proof due to special coating
- Electronic siren
- Suitable for indoor and outdoor applications
- Admissible ambient temperature: -20 °C to +70 °C
- Operating voltage: = 12 V

Model	SAG-22
Type	alarm unit
Flash energy	2 Ws
Sensitivity	100 dB
Operating voltage	= 12 V
Current consumption	120 mA (siren) 20 mA (flash)
Power supply	= 12 V/120 mA (siren) = 12 V/20 mA (flash)
Housing	plastic
Protective class	IP54
Dimensions	190 x 270 x 85 mm
Admiss. ambient temp.	-20+70 °C
Weight	935 g



SAG-32

Order No. 04.1170



Alarm unit, with strobe light system in LED technology.

- Visual and audible signalling device
- Aluminium housing with tamper switch
- Electronic siren
- Suitable for indoor and outdoor applications
- Admissible ambient temperature: -10 °C to +50 °C
- Operating voltage: = 12 V

Model	SAG-32
Type	alarm unit
Flash energy	2 Ws
Sensitivity	> 100 dBA
Operating voltage	= 12 V
Current consumption	320 mA (siren) 100 mA (flash), 70 mA (flash rotation)
Power supply	= 12 V/320 mA (siren) = 12 V/100 mA (flash), = 12 V/70 mA (flash rotation)
Housing	aluminium
Protective class	IP54
Dimensions	190 x 352 x 155 mm
Admiss. ambient temp.	-10+50 °C
Weight	1,665 g



SAG-42

Order No. 04.3090



Alarm unit, with strobe light system.

- Visual and audible signalling device
- Impact-proof and UV-resistant polycarbonate housing with tamper switch
- Piezo siren
- Suitable for indoor and outdoor applications
- Admissible ambient temperature: -10 °C to +50 °C
- Operating voltage: = 12 V

Model	SAG-42
Type	alarm unit
Flash energy	2.5 Ws
Sensitivity	> 100 dB
Current consumption	= 12 V/370 mA (siren) = 12 V/200 mA (flash)
Housing	UV-resistant polycarbonate
Protective class	IP34
Dimensions	110 x 260 x 65 mm
Admiss. ambient temp.	-10+50 °C
Weight	508 g



SAG-100

Order No. 04.3960



Alarm unit, with strobe light system in LED technology.

- Visual and audible signal device, can be controlled individually
- 4 LEDs
- Piezo siren
- Operating voltage: = 12 V
- Connection cable: 25 cm

Model	SAG-100
Type	alarm unit
Flash energy	-
Sensitivity	95 dB/W/m
Operating voltage	= 12 V
Current consumption	200 mA (siren + flash) 90 mA (flash only)
Power supply	12 V/200 mA (siren + flash) 12 V/90 mA (flash only)
Housing	ABS plastic
Dimensions	74 x 122 x 46 mm
Admiss. ambient temp.	0-40 °C
Weight	112 g



SAG-122

Order No. 04.3700



Alarm unit, with strobe light system, LED technology.

- Visual and audible signal device, can be controlled individually
- 16 LEDs, polycarbonate cover
- Piezo siren
- ABS plastic housing
- Reverse polarity protection
- Operating voltage: = 12 V
- Connection cable: 30 cm

Model	SAG-122
Type	alarm unit
Sensitivity	122 dB
Operating voltage	= 12 V
Current consumption	250 mA (siren + flash) 100 mA (flash only)
Power supply	= 12 V/250 mA (siren + flash) = 12 V/100 mA (flash only)
Housing	ABS
Dimensions	Ø 110 mm x 46 mm
Admiss. ambient temp.	0-40 °C
Weight	134 g



AP-4

Order No. 04.0020

Piezo alarm siren

- Low power consumption
- SPL: 105 dB/1 m
- Alarm signal: dual sound (2,100 Hz)
- Power supply: 12 V/120 mA
- Dimensions: 106 x 106 x 45 mm
- Weight: 165 g



AS-362

Order No. 04.3140



Piezo alarm siren

- Tamper switch
- SPL: 105 dB/1 m
- Alarm signal: continuous or wailing sound
- Power supply: 6-14 V/120 mA
- Dimensions: 110 x 110 x 32 mm
- Weight: 135 g



AS-122

Order No. 04.3920

Piezo alarm siren

- SPL: 117 dB/1 m
- Alarm signal: wailing sound
- Power supply: 12 V/150 mA
- Dimensions: Ø 85 mm x 42 mm
- Weight: 82 g



AS-132

Order No. 04.3950

Piezo alarm siren

- SPL: 117 dB/1 m
- Alarm signal: wailing sound
- Power supply: 12 V/150 mA
- Dimensions: Ø 56 mm x 40 mm
- Weight: 82 g



AS-142

Order No. 04.3940

Piezo alarm siren

- SPL: 117 dB/1 m
- Alarm signal: wailing sound
- Power supply: 12 V/150 mA
- Dimensions: 56 x 74 x 49 mm
- Weight: 90 g



SAG-50

Order No. 04.3950



Visual and audible signalling device

- Red signal LED
- Piezo siren
- Operating voltage: = 12 V
- Connection cable: 25 cm



Alarm Units/Smoke Detectors

AS-612

Order No. 04.0070



Alarm siren, dynamic.

- SPL: 110 dB
- Alarm signal: wailing sound
- Power supply: 12 V/1 A
- Dimensions: Ø 136 mm x 140 mm
- Weight: 550 g



EI-650

Order No. 04.7690



Photo-optical smoke detector, tested according to EN 14604 and VdS 3131.

- Stand-alone smoke detector
- Non-removable 10-year lithium battery (3 V)
- Integrated piezo alarm: 85 dB(A), distance: 3 m
- VdS (German assn. of property insurers) approval number: VdS G211009
- Convenient and easy operation due to the following features: easy-press button, mute function, protection against contamination, etc.
- Including mounting base with screws and dowels

- Admissible ambient temperature: 0-40 °C
- Dimensions: Ø 115 mm x 45 mm

- Weight: 180 g

Testsieger



15EJ05



EI-208IDW

Order No. 04.7700

Carbon monoxide detector, with electrochemical sensor, display and AudioLink function.

- For detecting harmful levels of carbon monoxide
- LCD for indicating levels of carbon monoxide (ppm)
- AudioLink function for extracting information from the detector via smartphone
- Automatic self-test function (end-of-life indication)
- Power supply via non-removable 10-year lithium battery
- Integrated piezo alarm: 85 dB(A), distance: 3 m

- Tested and certified according to EN 50270:2006, EN 60335-1:2012 as well as EN50291:2010
- Linking to alarm system JA-100 from JABLOTRON via corresponding modules, available at option
- Supplied with mounting accessories for mounting onto a wall or ceiling



EI-208IW

Order No. 04.7710

Carbon monoxide detector, with electrochemical sensor and AudioLink function.

- For detecting harmful levels of carbon monoxide
- AudioLink function for extracting information from the detector via smartphone
- Automatic self-test function (end-of-life indication)
- Power supply via non-removable 10-year lithium battery
- Integrated piezo alarm: 85 dB(A), distance: 3 m

- Tested and certified according to EN 50270:2006, EN 60335-1:2012 as well as EN50291:2010
- Linking to alarm system JA-100 from JABLOTRON via corresponding modules, available at option
- Supplied with mounting accessories for mounting onto a wall or ceiling



CST-2

Order No. 31.1500

Stripping tool for coaxial cables

- For gradually stripping of all standard coaxial cables, also suitable for flexible cables, e.g. 3 x 0.75 mm², 10 mm² and 16 mm²
- Easy handling due to ergonomic design
- Adjusting the cutting depth is not required



CST-5

Order No. 31.1520

Stripping tool, self-adjusting,

- Particular large working range: 0.2-6.0 mm²
- Stripping length: 8-12 mm
- Glass fibre reinforced polyamide
- Stripping tool and side cutter (up to: Ø 2 mm) made of hardened special steel



CT-10

Order No. 31.1680

Multi-purpose crimping tool

- For connections: F-standard, BNC, TNC, N, optical connectors and network connections
- 6 different crimping sizes



CT-30

Order No. 31.1700

Multi-purpose crimping tool, e.g. for insulated cable lugs.

- For cables: 0.5-1.0 mm², 1.5-2.5 mm² and 4.0-6.0 mm²



CAT-1TOOL

Order No. 31.0060

Network punch down tool, for professional wiring, e.g. of patch panels and network sockets.

- For LSA connection technology (without soldering, screwing and stripping)
- Metal insertion blade
- Draw-hook and blade release, folding
- Belt clip



KN-7803-125

Order No. 31.2010



PCB pliers

- Precision shaped tips also cut close sitting wires from Ø 0.2 mm on
- With opening spring and restricted opening
- Stainless INOX steel



DMT-2004

Order No. 29.2030



Digital multimeter, for general applications.

- Battery test for 9 V battery and 1.5 V batteries
- Acoustic continuity test
- Diode test
- Data hold (storage of measured value)
- Supplied with test leads

Model	DMT-2004
Display	21 mm LCD, 3 1/2 digits
Range selection	manual
Voltage	5 ranges = 200 mV-250 V ~ 200 mV-250 V
Current	4 ranges = 2,000 µA-10 A
Resistance	5 ranges 200 Ω-2,000 kΩ
Battery test	9 V, 1.5 V
Admiss. ambient temp.	0-50 °C
Dimensions	68 x 138 x 37 mm incl. rubber holster
Weight	200 g
Power supply	9 V battery (not supplied)
Special features	hold function, diode test, continuity test, battery test



CC-313

Order No. 07.0050



Test leads

- Banana plugs and alligator clips
- Length: approx. 100 cm



TL-250

Order No. 07.0360



Pair of test leads

- Highly flexible PVC test lead, red/black
- 4 mm right-angle safety plug
- 2 mm test prod
- Test lead Ø 3 mm, CAT III 1,000 V 10 A
- Length: 120 cm



Racks

RACK-12WP

Order No. 24.4530



RACK-6WP

Order No. 24.4550



Wall-mounted housings for 482 mm (19")

devices, with movable middle part of the housing.

- Sheet steel version
- Light grey powder coating (RAL 7035)
- Lockable front door with safety glass
- Door can be opened either to the left or to the right
- Maximum mounting depth behind the front plate: 470 mm
- Supplied with earthing set and 16 sets of mounting screws

Model	RACK-12WP	RACK-6WP
Rack spaces, RS	12	6
Outside dimensions	600 x 624 x 500 mm	600 x 358 x 500 mm
Max. load capacity	40 kg	40 kg
Weight	26 kg	19 kg

RACK-12WP: 12 RS

RACK-6WP: 6 RS



RH-100

Order No. 12.0300



482 mm (19") mounting plate, 1 RS

- Suitable for rack installation of devices incapable of being installed into a rack (e.g. hi-fi components)

- Black lacquered steel version
- Support area: 250 x 436 mm
- Maximum load: 8 kg



RH-200

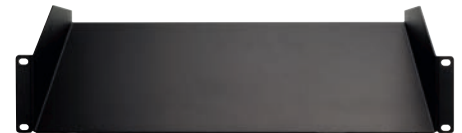
Order No. 12.0320



482 mm (19") mounting plate, 2 RS

- Suitable for rack installation of devices incapable of being installed into a rack (e.g. hi-fi components)

- Black lacquered steel version
- Support area: 375 x 440 mm
- Maximum load: 20 kg



RCS-92/SW

Order No. 11.1410



Rack-mount power strip, with 9 earthed sockets.

- Sockets turned by 45°
- Black aluminium housing
- Removable mounting brackets
- 2 m connection cable with earthed plug

- Cable specification: H05VV-F3G x 1.5 mm², 3,600 VA max.
- Dimensions: 482 x 44 x 45 mm, 1 RS



482 mm (19") Rack Panels

Closed.

- 1.5 mm steel, black plastic coating
- Upper and lower edges 8 mm angled in diff. configur.
- Ideally suited for individual compilation of 482 mm (19") systems



Model	Order No.	Rack spaces, RS	Outside dimensions	Weight
RCP-8701U	12.2760	1	483 x 44.5 mm	308 g
RCP-8702U	12.2770	2	483 x 89 mm	530 g
RCP-8721U	12.2810	1	483 x 44.5 mm	251 g
RCP-8722U	12.2820	2	483 x 89 mm	450 g



MZF-8645

Order No. 12.3500

Set of cage nuts and screws, for mounting

482 mm (19") inserts into racks and flight cases. The set consists of:

- 4 x cage nut M6
- 4 x recessed head screw M6 x 15 mm
- 4 x plastic washer

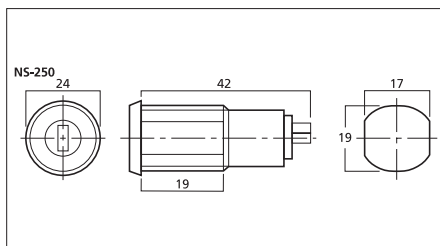


NS-250

Order No. 01.1290

Key switch

- Switching contact, 1 x ON/ON, ~ 150 V/3 A
- Length: 42 mm
- Mounting hole: Ø 19 mm

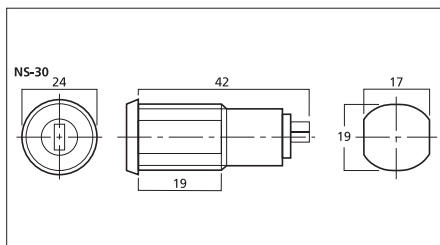


NS-30

Order No. 01.1300

Key switch

- Switching contact 1 x ON, ~ 150 V/3 A
- Length: 42 mm
- Mounting hole: Ø 19 mm

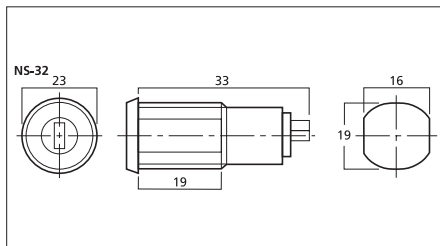


NS-32

Order No. 01.2910

Momentary key switch

- Contact for momentary action 1 x ON, ~ 150 V/3 A
- Length: 32 mm
- Mounting hole: Ø 19 mm

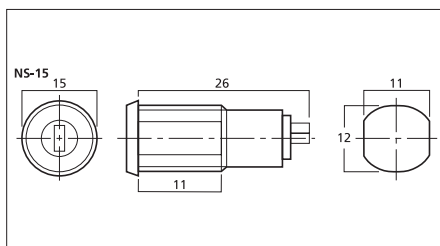


NS-15

Order No. 01.1280

Key switch

- Switching contact 1 x ON, ~ 120 V/2 A
- Length: 26 mm
- Mounting hole: Ø 12 mm

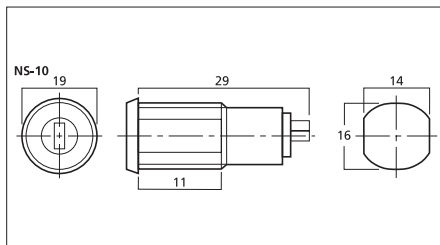


NS-10

Order No. 01.1270

Key switch

- Switching contact 1 x ON, ~ 120 V/1 A
- Length: 29 mm
- Mounting hole: Ø 16 mm



NRK-325

Order No. 01.1720

Blank key, for key switch NS-30 and NS-250.



Index

A	CAT-605F/SW S57	EZN-268V S36	INH-3557P S35	P
ACC-168/100 S60	CAT-61 S57	EZN-3260 S36	INS-100R S50	PALUN-01 S49
AHVB-240BNC S49	CAT-610 S57	EZN-7221 S36	INS-100Z S50	PATCH-24 S59
ALARM-LABL/IS S63	CAT-6100CCA S58	F	IOC-2812BV S22	PATCH-8 S59
ALARM-LABL/OS S63	CAT-610F/SW S57	FF-50/WS S70	IOC-2812DV S22	PD-109 S63
AP-24A3 S64, S39	CAT-61F/SW S57	FF-50S/WS S70	IOH-2812BD S22	POE-130MID S56
AP-4 S73	CAT-62 S57	G	IOR-204 S21	POE-175MID S56
AS-122 S73	CAT-620 S57	GBT-212 S69	IOR-208 S21	PS-120WP S64
AS-132 S73	CAT-62F/SW S57	GD-04A S68	IOZ-204BV S20	PSA-14 S63
AS-142 S73	CAT-63 S57	GD-04K S68	IOZ-204DV S20	PSS-1210DC S64
AS-362 S73	CAT-65 S57	H	IOZ-408BV S19	PSS-1230DC S64
AS-612 S74	CAT-65F/SW S57	HDAW-203 S50	IOZ-408DV S19	PSS-1250DC S64
AXC-137NLC S12	CAT-6C S59	HDMA-100W S55	IRS-100 S71	PSS-5000 S64
AXC-137PHC S12	CAT-6JB S58	HDMA-101 S54	J	R
AXC-2000BX S12	CAT-7100A S58	HDMA-220WL S50	JYSTY-2206 S61	RACK-12WP S76
AXC-2036BF S11	CC-132 S65	HDMA-300W S55	JYSTY-2208 S61	RACK-6WP S76
AXC-2036DF S11	CC-133 S65	HDMC-1000M/SW S55	K	RB-524/DIN S69
AXC-2650BVM S12	CC-135 S65	HDMC-1500M/SW S55	KHD-1 S60	RCP-8701U S76
AXC-2812BVM S11	CC-142 S65	HDMC-150F/SW S55	KN-7803-125 S75	RCP-8702U S76
AXC-2812DVM S11	CC-143 S65	HDMC-150M/SW S55	M	RCP-8721U S76
AXC-3557PTZ S12	CC-145 S65	HDMC-200F/SW S55	MC-30/WS S65	RCP-8722U S76
AXDA-102HD S48	CC-313 S75	HDMC-2500R/SW S55	MC-32/WS S65	RCS-92/SW S76
AXDA-104HD S48	CC221-500 S65	HDMC-300M/SW S55	MC-60/WS S65	RH-100 S76
AXH-2812BV S13	CC222-505 S65	HDMC-500F/SW S55	MC-62/WS S65	RH-200 S76
AXH-2812DV S13	CC222-510 S65	HDMC-500M/SW S55	MOUSE-09 S66	S
AXH-B S13	CCTV-LABL/IS S63	HDMS-1042 S54	MPL-140 S41	SAG-100 S72
AXOC-201 S49	CCTV-LABL/OS S63	HDMS-201 S54	MPL-250 S41	SAG-122 S73
AXR-104 S10	COM-USB S67	HDMS-208 S54	MPL-800 S41	SAG-22 S72
AXR-108 S10	CP-201T S69	HDRCA-100CON S54	MPT-30/WS S71	SAG-32 S72
AXR-116 S10	CP-201T/NW S69	HDTVI-100CON S50	MPT-30M S71	SAG-42 S72
AXS-100 S49	CST-2 S75	HOLD-2080BX S13	MST-10 S47	SAG-50 S73
AXTU-102VPD S49	CST-5 S75	HOLD-2170BX S13	MST-16 S47	SAS-4/BN S70
AXZ-204BVM S9	CT-10 S75	HOLD-2230BX S13	MZF-8645 S76	SAS-4/WS S70
AXZ-204DVM S9	CT-100 S65	HYB-700TEST S46	N	SAS-5VDS S71
AXZ-224BDM S8	CT-100/SW S65	I	NAHDMIW S55	SAS-6VDS S70
AXZ-408BVM S9	CT-200 S65	INC-2000BX S33	NAHDMIWB S55	SATA-1000GB S40
AXZ-408DVM S8	CT-200/SW S65	INC-2036BF S32	NBB-75DFI S62	SATA-2000GB S40
B	CT-30 S75	INC-2036DF S34	NBB-75DFIB S62	SATA-3000GB S40
BA-EHN S37	D	INC-2036DM S33	NBNC-75BFG7 S62	SATA-4000GB S40
BNC-050 S60	DA-8000 S66	INC-2037PHC S34	NBNC-75BLP7 S62	SATA-6000GB S40
BNC-100 S60	DA-8000RC S66	INC-2622BV S32	NC-1524 S62	SC-35 S71
BNC-1000 S60	DB-247/WS S71	INC-2722BCP S35	NC-1524G S62	SD-32MICRO S40
BNC-100G S60	DB-264/WS S71	INC-2812BV S32	NE-8FDP S59	SMILE-19 S66
BNC-1511 S62	DCA-10 S63	INC-2812DV S33	NE-8FDPB S59	SN-1 S66
BNC-1523 S62	DMT-2004 S75	INC-3557PTZ S34	NE-8FDVYK S59	SN-3 S67
BNC-1523G S62	E	INC-4000BX S30	NE-8FDYC6 S59	SOUTDOOR-L S67
BNC-1523G S62	EBN-268V S37	INC-4036BF S29	NE-8FDYC6B S59	SOUTDOOR-T S67
BNC-2500 S60	ECM-30A S48	INC-4036DF S31	NE-8MC S59	SWITCH-8/1GB S57
BNC-300 S60	EDN-3260 S37	INC-4036DW S31	NRK-325 S77	
BNC-300G S60	EHN-3260 S37	INC-4036MDVP S31	NS-10 S77	
BNC-501 S60	EI-208IDW S74	INC-4212BWM S28	NS-15 S77	
C	EI-208IW S74	INC-4312BBVM S28	NS-250 S77	
CAT-1TEST S58	EI-650 S74	INC-4312BDVM S30	NS-30 S77	
CAT-1TOOL S75, S58	EKB-200 S38	INC-4312BV S29	NS-32 S77	
CAT-505 S57	EKB-500 S38	INC-4312BVM S29	NSA-80 S71	
CAT-51 S57	EPN-4220 S38	INC-4312BW S28	NSA-90 S71	
CAT-510 S57	EPN-4220I S38	INC-5360DF S30	NWR-1608POE S27	
CAT-5100UTP S58	EPTZ-CLM S39	INC-HOLD S35	NWR-3216POE S27	
CAT-520 S57	EPTZ-CNM S39	INH-2000B S35	NWR-801POE S27	
CAT-53 S57	EPTZ-ICMB S39	INH-2000D S35		
CAT-55 S57	EPTZ-PBA S39	INH-2036D S35		
CAT-550 S57	EPTZ-PBOX S39			
CAT-5CO S59	EPTZ-PLM S39			
CAT-6025 S57	EPTZ-WMB S39			
CAT-605 S57				

T

T-521AP	S63
T-521J	S63
T-521JST	S63
T-521P	S63
T-521PST	S63
T-525AP	S63
T-525J	S63
T-525P	S63
TFT-1002LED	S46
TFT-1902LED	S45
TFT-1904LED	S45
TFT-215LED	S45
TFT-800LED	S46
TL-250	S75
TM-201A	S69
TPE-TG44G	S56
TPE-TG80G	S56
TVD-55B	S47
TVD-60D	S47
TVG-400PS	S40
TVG-900	S40
TVH-300	S47
TVH-600	S40

U

UG-88/S	S62
UG-88/S58	S62
UG-88/UCR	S62
UG-88/UCR58	S62
UG-914/U	S62
UR-01	S69
USB-32GB/4	S40

V

VB-100MIC	S48
VB-100VPD	S49
VB-120MIC	S48
VCC-100/SW	S61
VCC-259/SW	S61
VCC-300/SW	S61
VCC-59	S61
VCC-59/SW	S61
VDS-2GBD/WS	S71
VDS-34FF/WS	S70
VDS-34SFF/WS	S70
VGM-288ASIR	S41
VGM-850ASIR	S41
VML-120	S41
VOXOUT	S68
VSC-100/SW	S60
VSC-100/WS	S60
VSC-103/SW	S61
VSC-152/SW	S61
VSC-180/SW	S60
VSC-180/WS	S60
VSC-502/SW	S61

Important Notes - please read carefully

All products of MONACOR INTERNATIONAL are tested continuously to ensure a constant quality level and to maintain quality standards. All products which are subject to the CE guidelines as well as the electric and electronic subassemblies which are subject to the directive for motor vehicles are tested according to the respective standards and carry the CE mark. These products can thus be sold in all EC countries without further tests or approvals.

General Information

- All rights reserved by MONACOR INTERNATIONAL GmbH & Co. KG. All contents of this catalogue serve as information as to the products by MONACOR INTERNATIONAL only. No part of this catalogue including text, photos of products, graphics - or any parts thereof - may be reproduced in any form or by any means for any commercial use without our express prior written consent.
- *Windows is a registered trademark of Microsoft Corporation in the United States and other countries.
- The software available on our websites is partly an 'Open Source Software' which is licenced under 'General Public License' (GPL). Further information can be found at the following link: <http://www.gnu.org/licenses/>.
- HDMI™ is a registered trademark of HDMI Licensing L.L.C.
- We cannot be held responsible for printing errors, should they occur. We reserve the right to make technical changes without prior notice.
- The specifications stated are according to the information of the manufacturer.
- Due to production tolerances, technical data may vary slightly.
- Damage resulting from unauthorised servicing of the products thus causing changes as well as improper handling resulting in consequential damage are excluded from the warranty. We will not be liable for changes of the state of the products resulting from improper storage, other interventions or improper use.
- Lithium batteries have to meet special regulations for transportation and storage. Before dispatching such products, please pay attention to the safety notes in the section downloads on our website.
- If the units are interfered with, the CE approval will no longer apply. All products are always suitable for indoor use only, unless stated otherwise. The products are not suitable for installations into aircrafts or surface mounting onto aircrafts.
- The products do not correspond to the medical products directive 2007/47/EC.
- If the products are to be put out of operation definitively, they must be taken to a local recycling plant for disposal which is not harmful to the environment.

Technical Information

- Before first use of the products, please read the instruction manual carefully!
- The products correspond to the directive for electromagnetic compatibility 2014/30/EU, the directive 2011/65/EU (RoHS) and where applicable to the low voltage directive 2014/35/EU with the directive 2009/125/EC (ErP).
- When operating with voltages of over 42 V, please always observe the respective safety measures.
- Before opening any products operated with 230 V mains voltage, disconnect the products from the mains.
- Make sure that the supply voltage is disconnected before working on components and modules. Existing capacitors must be discharged.
- Mains cables and test cables have to be examined for damage regularly. Never pull on the cable to disconnect the plug from the socket.
- Mains cables and fuses must only be replaced by skilled personnel.
- Unless otherwise stated:
 - protect the products from moisture and heat,
 - always observe the admissible ambient temperature of 0-40 °C.
- Do not use a very high volume level when using headphones. Permanent high volume may damage your hearing! Do not wear headphones while particular attention must be paid to your surroundings, e.g. in traffic.
- A soldering process which is too long and too hot may cause damage to the corresponding products. Choose a soldering temperature that is suitable for the material used. No liability can be assumed for damage to the product or consequential damage caused by improper handling.
- The plugs, jacks, switches, rotary switches and potentiometers shown in this catalogue are only suitable for connection to safety extra low voltage (SELV) or signal voltage unless the item is designed for a higher voltage (see text or table).
- If the fixing nuts of panel jacks or panel plugs are overtightened, this may cause damage to the whole component. In case of improper handling, no liability can be assumed for this or consequential damage.
- The heat must be eliminated by air circulation. Therefore, do not cover ventilation slots with anything. Do not put or drop anything through the ventilation slots. Otherwise, there will be danger of an electric shock.
- Only use a dry, soft cloth for cleaning the products. Chemicals must not be used in any case.
- LED lights and LED lamps contain various components which may generate noise in unfavourable conditions. There may be audible resonances caused by installation, design of the lamp and the base as well as dimmer or transformer.

Notes on Devices with Network/Internet Access

Please note that each device connected to a network with Internet access is part of a worldwide network. In order to protect your privacy and to prevent unauthorised people accessing your network and the devices connected, please protect your login details with an individual password prior to initial installation. Please take this into consideration when assigning future passwords in connection with devices, software and apps available in the network, e.g. when setting up user accounts. Passwords should never be disclosed to third parties! Furthermore, please note that any device which has been connected to the network should be reset before being sold or disposed of. This is the only way to ensure that all your personal data is erased permanently.

Information on the German Product Liability Act

According to the law dated 15 December 1989 governing product liability which was last amended by the law dated 19 July 2002, manufacturers, importers and retailers are obliged to compensate for damage caused by a faulty product under certain prerequisites.

A product can already be considered faulty if its presentation leaves a private, non-commercial end user with a wrong impression as to its safety in use or if it is to be expected that the private end user will not observe the required safety regulations when using the product or will apply an excessive operating voltage to it, except if this user has been informed as to the necessity to observe the safety regulations and specified voltages, etc.

In your own interest and for your customers' safety, therefore please draw your non-commercial customers' attention to the following:
The products listed in this catalogue may only be used for the stated purpose. If there are any doubts as to the purpose of the goods, questions must be clarified with an authorised expert or with the service department of MONACOR INTERNATIONAL. The following EN standards and VDE (Verband Deutscher Elektrotechniker = Association of German Electrical Engineers) regulations must be observed:

Electromagnetic Compatibility:

EN300422, EN301489, EN55013, EN55103-1, EN55103-2, EN61000-3-2, EN61000-3-3, EN61000-6-1, EN61000-6-3

Low Voltage Directive:

DIN VDE 0100, DIN VDE 0532, EN60065, EN60335, EN60598, EN60950, EN61010, EN62471

Motor Vehicles Directive:

Directive 2004/104/EC

In Germany, the above-mentioned regulations can be obtained from:

VDE-Verlag GmbH Bismarckstraße 33 10625 Berlin Germany Phone: +49 30 348001-0 Fax: +49 30 348001-9088	VDE-Verlag GmbH Postfach 120143 10591 Berlin Germany Phone: +49 30 348001-0 Fax: +49 30 348001-9088	VDE-Verlag GmbH Goethering 58 63067 Offenbach Germany Phone: +49 69 840006-0 Fax: +49 69 840006-1399
--	--	---

Notes Regarding the Approval of Wireless Systems

The wireless microphone systems in the frequency ranges 863 MHz to 865 MHz and 2,400 MHz are generally approved and licence-free. These wireless systems are licence-free in the EU.

Every wireless system has been examined by a notified body and has been approved in the EU according to the RED directive. However, a frequency assignment for the systems in the frequency range 506 MHz to 542 MHz, 518 MHz to 542 MHz, 672 MHz to 697 MHz and 740 MHz to 776 MHz, 823 MHz to 832 MHz and 1.8 GHz for the corresponding area in which the device is to be used must be applied for at the respective national authority. There are restrictions or requirements within the EU!

In Germany, the frequency assignment has to be applied for at the corresponding branch of the Federal Network Agency (BNetzA, Germany). The declaration of conformity can be found on our website: www.monacor.com, www.imgstageline.com or www.jts-europe.com. The forms for the frequency assignment can be found on the website of the Federal Network Agency www.bundesnetzagentur.de. For countries outside of Europe, please consult the authorities of the corresponding country.

Please observe the notes in the operating instructions.

MONACOR INTERNATIONAL GmbH & Co. KG; February 2018

MONACOR INTERNATIONAL - Your reliable partner - worldwide.



AUTHORISED DISTRIBUTOR

Reliable, extendable and convenient to use

Modern wireless alarm technology makes your world a safer place

It becomes more and more important to protect commercial and private properties. The wireless/bus hybrid alarm system 100 from MONACOR INTERNATIONAL is a comprehensive solution of modern design which is easy to use and can be extended as required for an all-round protection of commercial and private property.

Each solution can be combined and extended as required with motion detectors, magnetic contacts, glass breakage detectors or water detectors. Thus, it is no problem for the systems to grow with their requirements. They feature a convenient operation and can be controlled from any location via smartphone, tablet or PC.



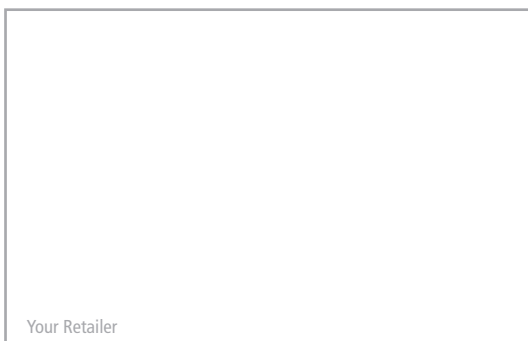
MONACOR

Your Project is Our Project



MONACOR

Your Project is Our Project



Your Retailer

**HEADQUARTERS
MONACOR INTERNATIONAL**

Zum Falsch 36 · 28307 Bremen · Germany
Phone: +49 421 4865-0
Fax: +49 421 488415
info@monacor.com · www.monacor-international.com

MONACOR and IMG STAGELINE are brands
of the company group MONACOR INTERNATIONAL.



www.monacor.com

K-1069.02.01.09.2018 · K19-183SECEN · Order No. 46.9803