

NEWS

Autumn/Winter 2010/11



DMR-288SET

Order No. 18.7080

Video surveillance set, consisting of an 8-channel digital recorder and 4 high-resolution colour dome cameras TVCCD-252SET.



8-channel digital recorder DMR-188:

- Including 500GB hard disk (SATA)
- Video compression: H.264
- Network connection, access via Internet Explorer
- 2 x USB 2.0 interface for exporting data onto a USB flash drive and for connecting a USB mouse
- VGA output
- Video motion detector: 12x12 sensor surfaces
- 8 audio inputs, 1 audio output
- Supplied with PSU, infrared remote control, USB mouse and software package

4 high-resolution colour dome cameras TVCCD-252SET

for outdoor applications, IP66:

- Vandal-resistant metal housing
- Day/night function
- Zoom lens (4-9mm)
- 22 infrared LEDs with automatic activation (IR operating range: 15m max.)
- Automatic switching from colour operation to B/W operation, depending on the illumination
- Including 18m camera connection cables



DMR-280SET

Order No. 18.7070

Video surveillance set, consisting of a 4-channel digital recorder and 2 colour dome cameras TVCCD-250SET.

4-channel digital recorder DMR-184:

- Including 250GB hard disk (SATA)
- Video compression: H.264
- Network connection, access via Internet Explorer
- 2 x USB 2.0 interface for exporting data onto a USB flash drive and for connecting a USB mouse
- VGA output
- Video motion detector: 12x12 sensor surfaces
- 1 audio input, 1 audio output
- Supplied with PSU, infrared remote control, USB mouse and software package

2 colour dome cameras TVCCD-250SET

for outdoor applications, IP66:

- Vandal-resistant metal housing
- Day/night function
- Zoom lens (4-9mm)
- 22 infrared LEDs with automatic activation (IR operating range: 15m max.)
- Automatic switching from colour operation to B/W operation, depending on the illumination
- Including 18m camera connection cables



DMR-240SET

Order No. 18.7060

Video surveillance set, consisting of a 4-channel digital recorder and 2 mini colour dome cameras TVCCD-240SET.

4-channel digital recorder DMR-140:

- Including 250GB hard disk (SATA)
- MPEG-4 recording method
- USB 2.0 interface for image evaluation on the PC
- Network connection, access via Internet Explorer
- Video motion detector: 12x12 sensor surfaces for each camera, with adjustable sensitivity

2 mini colour dome cameras TVCCD-240SET

for indoor applications:

- Day/night function
- Fixed focus lens (3.6mm)
- 24 infrared LEDs with automatic activation (IR operating range: 10m max.)
- Automatic switching from colour operation to B/W operation, depending on the illumination
- Including 18m camera connection cable





ALL-IN-ONE Digital Recorders

DMR-1904LCD

Order No. 18.7040

48cm (19") TFT LCD colour monitor with integrated 4-channel digital pentaplex recorder

DMR-1908LCD

Order No. 18.7050

48cm (19") TFT LCD colour monitor with integrated 8-channel digital pentaplex recorder

General information:

- DMR built into a 48cm (19")/16:10 monitor
- H.264 compression supports dual stream transmission
- Embedded Linux 2.6 operating system
- Image transmission to Smartphones
- Pentaplex feature (live, recording, replay, backup and network access are possible at the same time)
- Backup via USB storage media
- Audio recording
- Audio transmission via network
- RS-485 interface for PTZ control
- Real time recordings in CIF format
- Automatic restart after power failure
- Supplied with USB mouse and remote control

Supplied without hard disk. Supports an optional hard disk up to 1TB.

Matching hard disks SATA-320GB, SATA-500GB or SATA-1000GB are available at option.



Model	DMR-1904LCD	DMR-1908LCD
Video inputs	4 x BNC	8 x BNC
Video outputs	1 x BNC	1 x BNC
Audio inputs	4 x RCA	1 x RCA
Audio outputs	2 x RCA	1 x RCA
Resolution	704x576 pixels (25fps), D1 704x288 pixels (50fps), HD1 352x288 pixels (100fps), CIF	704x576 pixels (25fps), D1 704x288 pixels (50fps), HD1 352x288 pixels (100fps), CIF
Video compression	H.264	H.264
Recording	100 images/sec. max.	100 images/sec. max.
Menu adjustments	on-screen menu (OSD)	on-screen menu (OSD)
Recording mode	manual, alarm, timer, motion detector	manual, alarm, timer, motion detector
Search mode	date and time, event, alarm	date and time, event, alarm
Lettering	date and time, camera title	date and time, camera title
Security	password protection	password protection
Video loss detection	included	included
Alarm inputs	4	8
Alarm outputs	1	1
Signal device	integrated	integrated
Interfaces	RS-485, LAN, USB 2.0	RS-485, LAN, USB 2.0
Hard disks	optional, SATA HDD, 1 x 1TB max.	optional, SATA HDD, 1 x 1TB max.
Admiss. ambient temp.	0-40 °C	0-40 °C
Dimensions	300x226x57mm	300x226x57mm
Power supply	12V=5A via suppl. PSU	12V=5A via suppl. PSU
Weight	2.5kg	2.6kg



TFT-1900LED

Order No. 18.7000

TFT LCD colour monitor with LED backlight

for a very detailed image of high colour brilliance, suitable for surveillance systems.

- Response time: 5ms
- Angle of view: horizontal 170°, vertical 160°
- Contrast ratio: 1,000:1
- Brightness: 450cd/m², 16.7 million colours
- Display options: full image, picture-in-picture
- 2 video inputs, switchable, 1 stereo audio input
- Additional HDMI and VGA connections
- Visible diagonal screen size: 48cm (19")

TVH-230

Best.-Nr. 18.6030



Table-mount support for 2 LCD monitors, 2 movable extension arms with 3 joints each

VESA75 standard and VESA100 standard

TVH-120

Best.-Nr. 18.6020



Table-mount support for one LCD monitor, 2 movable extension arms via 2 joints

VESA75 standard and VESA100 standard

TVH-110

Best.-Nr. 18.6010



Table-mount support for one LCD monitor, movable and tiltable

VESA75 standard and VESA100 standard



SMARTY

Order No. 18.6080



Miniature digital camcorder

for mobile applications, e.g. in motor vehicles.

- CMOS colour camera
- Integrated GPS receiver
- VGA video resolution: 640x480 pixels (30fps)
- Recording starts either manually or via built-in 3-axis acceleration sensors
- Digital image recording onto SD card
- SD card slot for cards up to 32GB, supplied with 2GB SD card
- Power supply via supplied connection cable for motor vehicles
- Viewer software will automatically be transferred onto the new SD card



Model	SMARTY
Image sensor	6.4mm (1/4") CMOS
Number of pixels	307,200
Resolution	640x480 pixels
Lens	170 °
Min. illumination	1 lux
Admiss. ambient temp.	-10 °C to +50 °C
Power supply	12-24V=/350mA
Dimensions	ø 50mm x 80mm
Weight	380g

TVCCD-189HCOL

Order No. 18.6050



High-resolution colour camera, with a wide focal length range.

- Digital noise reduction (DNR) for saving hard disk capacities when recording with digital recorders
- Zoom lens (6-50mm), DC-controlled iris
- With integrated IR suppression filter
- Super HAD CCD chip
- Due to 30 infrared LEDs, suitable for application in the dark
- Integrated video motion detector
- Privacy masking function
- Mirror function
- Automatic electronic shutter 1/60 to 1/100,000 second
- On-screen menu control (OSD)
- Camera features can be set via supplied cable-connected remote control



TVCCD-384HCOL

Order No. 18.6090



High-resolution mini colour dome camera, for flush-mounting into walls or ceilings, for mounting without a shadow gap.

- Professional day/night function
- Vandal-resistant flush-mount metal housing
- Sony Advanced CCD chip
- Fixed focus lens (3.6mm)
- 3-axis pivoting frame
- High luminous sensitivity
- Automatic electronic shutter
- 40cm connection cable for power supply and video (BNC)
- Operating voltage: 5-24V=



TVCCD-330/WS

Order No. 18.6040



High-resolution mini colour dome camera

- White lacquered metal housing
- Fixed focus lens (3.6mm)
- Due to 6 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 10m, with optimum reflection)
- Automatic electronic shutter
- Automatic white balance, backlight compensation
- 50cm connection cable for power supply and video (BNC)



TVCCD-252SET

Order No. 18.7030



High-resolution colour dome camera, for outdoor applications, with day/night function.

- Vandal-resistant metal housing
- Zoom lens (4-9mm)
- Due to 21 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 15m, with optimum reflection)
- Automatic switching from colour operation to B/W operation, depending on the illumination
- Camera module for panning and tilting
- 3-axis pivoting frame, thus wall mounting possible
- Automatic electronic shutter
- Features: BLC, AGC, ATW
- 18m connection cable VSC-150 is available at option



TVCCD-250SET

Order No. 18.7020



Colour dome camera, for outdoor applications, with day/night function.

- Vandal-resistant metal housing
- Zoom lens (4-9mm)
- Due to 21 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 15m, with optimum reflection)
- Automatic switching from colour operation to B/W operation, depending on the illumination
- Camera module for panning and tilting
- 3-axis pivoting frame, thus wall mounting possible
- Automatic electronic shutter
- Features: BLC, AGC, ATW
- 18m connection cable VSC-150 is available at option

TVCCD-240SET

Order No. 18.7010



Mini colour dome camera, for indoor applications, with day/night function.

- White plastic housing
- Fixed focus lens (3.6mm)
- Due to 24 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 10m, with optimum reflection)
- Automatic switching from colour operation to B/W operation, depending on the illumination
- Automatic electronic shutter
- Features: BLC, AGC, day/night (each can be switched off)
- 18m connection cable VSC-150 is available at option



TVCCD-140SET

Order No. 18.6070



Colour camera, with day/night function.

- Fixed focus lens (3.6mm)
- Due to 12 infrared LEDs, suitable for application in the dark. For this purpose, the camera switches to B/W operation (IR operating range: 8m, with optimum reflection)
- Automatic switching from colour operation to B/W operation, depending on the illumination
- Automatic electronic shutter
- Features: BLC, AGC, day/night (each can be switched off)
- Including sunshield and wall bracket
- 18m connection cable VSC-150 is available at option



PA-40120

Order No. 17.3220

4-zone PA amplifier, with 4 active 120W outputs, for setting up a multi-zone PA system.

- 4 x 120W_{RMS}
- 4 zones, can be controlled individually
- 3 mic/line inputs and 2 line inputs
- Built-in adjustable monitor speaker
- Chime and siren can also be activated via external momentary push-button
- Bass, treble and master controls, level display via LEDs, controlled fan



PA-4000FMP

Order No. 17.3230

PA fireman's microphone, for PA-40120, wall mounting.

- Hand-held microphone with operational monitoring
- Alarm input for triggering alarm
- Integrated digital voice storage (60 seconds max.) with microphone input or line input (1 x RCA L/R) for recording messages
- Recorded message is also kept without operating voltage
- Siren emits an acoustic signal for 10 seconds when alarm is triggered, adjustable volume
- RJ-45 jack for the connection to 4-zone PA amplifier PA-40120
- Signal red lacquered metal housing

PA-4000PTT

Order No. 23.6000

PA desktop microphone (push-to-talk), for the connection to PA-40120.

- Built-in gooseneck microphone
- Automatic chime via microphone announcement button (talk)
- Chime can be switched on additionally or switched off
- Power supply via PA-40120
- RJ-45 jack for the connection to PA-40120
- Only one PA-4000PTT can be connected to each amplifier
- Supplied with 3m connection cable (Cat. 5e)



PA-4000RC

Order No. 23.6010

PA zone paging desktop microphone, for the connection to PA-40120.

- Selector buttons for 4 zones, for activating one or several zones
- ALL CALL button for activating each of the 4 zones
- LED status indication for the zone buttons (busy, emergency), power, mic fault, signal and talk
- 24V power supply via PA-40120
- Two RJ-45 jacks for the connection to PA-40120 and additional PA-4000RC
- Supplied with connection module for PA-40120
- Ten PA-4000RC max. can be connected to PA-40120 via bus
- Supplied with 3m connection cable (Cat. 5e)





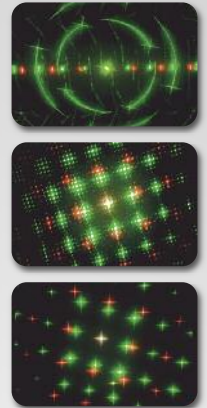
LSE-150RG

Order No. 38.5210



Show laser effect unit, with a red laser and a green laser as well as a control facility via DMX or sound. With two diffusion disks which can be controlled individually via stepper motors for various rotating effects of light spots.

- 2 laser diodes: green (50mW), red (100mW)
- Class 3b laser
- Master/slave function for simultaneous operation of several units
- 8 DMX control functions
- Music-controlled via integrated microphone, adjustable sensitivity
- Weight: 2.2kg



LSE-3LRG

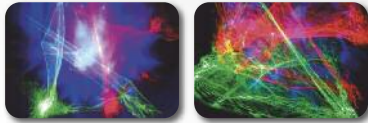
Order No. 38.5200



Show laser effect unit with integrated blue LED floodlight, with a red laser and a green laser as well as a control facility via sound or manually.

Generates red and green pulsating cosmic beams and clouds via rotating relief glass disk. The blue LED floodlight with special lens provides additional background light effects.

- 2 laser diodes: green (40mW), red (100mW)
- Class 3b laser
- 1 super bright blue 5W LED with special lens
- 3 operating modes can be selected: automatic, music-controlled or manual



The accessible laser radiation is hazardous to the human eye, often also to the skin! It is dangerous to look directly into the beam of class 3b lasers. It may be possible to view a beam safely via a diffusing reflector.

When using a class 3b laser, the employer has to appoint a laser safety officer in writing (BGV B2 = German Accident Prevention & Insurance Association regulation B2)! Laser safety officers must have the requisite qualifications!

An approval is required for class 3b lasers!

MR-42LIGHT

Order No. 25.3060

Flight case with castors, for transporting light effect units.

- Multilayer multiplex wood, black, plastic-laminated
- Butterfly locks, foldable recessed handles
- 4 castors (2 of which are provided with a brake)
- Carpet lining
- 2 inside partitions, several combinations possible



H-1

Order No. 20.2610

Compact portable digital audio recorder, with USB connection and micro SD card slot.

- Supports external micro SD cards up to 32GB (SDHC)
- Compatible with USB 2.0
- Rec. formats: WAV or MP3, switchable
- 2 built-in high-quality electret microphones in X/Y setup
- Manual and automatic control (AGC), Lo Cut filter
- Track marker function
- Built-in speaker
- Supplied with 2GB micro SD card

GS-42/SW

Order No. 25.3200

Professional guitar stand for electric and classical guitars.

- Black lacquered folding version
- Height: 370mm, weight: 1.3kg



NEWS

Autumn/Winter 2010/11

LED Light Chains, 12V=

Ideally suited for decorative indoor lighting



LEDW-600/AM

Order No. 38.5250

LED light chain
for indoors

- Length: 6m
- Amber light



LEDW-600/BL

Order No. 38.5260

LED light chain
for indoors

- Length: 6m
- Blue light



LEDW-600/WS

Order No. 38.5290

LED light chain
for indoors

- Length: 6m
- White light



LEDW-600/RT

Order No. 38.5280

LED light chain
for indoors

- Length: 6m
- Red light



LEDW-600/GN

Order No. 38.5270

LED light chain
for indoors

- Length: 6m
- Green light



LEDW-600/WWS

Order No. 38.5300

LED light chain
for indoors

- Length: 6m
- Warm white light

HEADQUARTERS MONACOR INTERNATIONAL

Zum Falsch 36 • 28307 Bremen • Germany
Phone: +49 (0) 4 21/48 65-0 • info@monacor.com
Fax: +49 (0) 4 21/48 84 15 • www.monacor.com