Video Security

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EMD-15C1/QUAD
Combo System with 15" Monitor, 4-channel
Multiplexer/DVR, 2x Cameras & Minidomes

Art-No. 90469

eneo®

Features

15" Flat Screen Monitor, Built-in DVR/Multiplexer

4x Modular and 4x CVBS Inputs / RJ-45 Network

Recording: 50 Fields/sec. / Real-time Playback

Resolution: 720x240 Pixels max. (for Recording)

Simultaneous Recording & Playback (Duplex)

Simultaneous Live & Playback in 3x3 Split

Display: Full, Quad, 9x Split, Zoom, Sequence

Programmable Day & Night Motion Detection

Multiple Recording Options / Alarm Management

Network Funktions: Live / Playback / Search

2x 1/4" Box and Dome Cameras each included

Acc.: Lenses 8mm, Wall Brackets and System Cables

Specifications

Monitor:	
Screen size	15" (38cm)
Picture tube type (CRT)	90° In-line flat screen (0.7mm DOT Pitch)
Video standard	PAL/NTSC (auto select)
Displays	OSD - Menu
Menu languages	English/German//French/Spanish/Italian. RCC S/W: English
Operations (Front part)	On-screen menu ON, Menu selection, Input selectors, Mode, Recorder control, Quad, Sequence, Audio, Zoom, Power ON/OFF
Zoom function	2x (at full screen mode)
Colour scales	16 mio.
Grey scales	256 (8 bit)
Video inputs	4x 1Vp-p, CVBS, BNC loop-through inputs, and via system cable (RJ-11)
Monitor outputs	1Vp-p, 75ohms, BNC
Audio input	4x Line input
Audio output	1x Line output
Activity detection	Integrated motion detector

(Specifications continued)

Alarm inputs	4x for NO or NC contacts (via 6-pin system connector)
Alarm output	1x NO/NC relay contact
Alarm processing	Motion detection, Alarm contacts, Screen configuration (Full Quad, unchanged), Video loss alarm, Buzzer
Cable connection	6-pin (RJ-11) for system cable (Audio, Video, Power), BNC in/out (Video), RS-485 (serial interface), DVR in/out (Time Lapse, ext. DVR), RJ-45 (Network), Alarm out
Serial interfaces	RS-485,
Network interface	10/100 Base-TX, RJ45
Network protocols	TCP/IP
Network functions	Live, Playback, Local recording and playback, Search
Network connection	1x RJ45
Remote configuration	Via Internet browser
Backup	Via TCP/IP, One user at the same time
Password protection	Multi level (administrators and users)
Supply voltage	100~240VAC, 50/60Hz
Power consumption	110watts
Temperature range	0°C ~ +35°C
Housing	Aluminium with plastic front
Colour	Light grey
Dimensions (HxWxD)	343x363x462mm
Weight	Approx. 17,5kg
Digital IP Recorder:	
Compression Standard	MJPEG
Resolution	720x240 (Full), 360x240 (Half)
Recording modes	Schedule, Manual, Alarm
Recording speed	50 Fields/sec. max.
Image display	50 ~ 0.1 Fields/sec. (1 camera); 25 ~ 0.1 Fields/sec. (multiple cameras). Real time display
Display options	Live: Full, Quad, Sequence, Zoom; Playback: Full, Quad, 9-split, Zoom. Simultaneous live view and playback in in the 3x3 screen. Freeze (up to 50 days).
Hard disk drive	80Gb IDE HDD
Box/Dome camera:	
Imager	1/4" Interline Transfer CCD
Horizontal resolution	330 TV lines (both)
Sensitivity at 50% video signal	1.0Lux at F1.2 (VT measurement result)
Automatic shutter control (AES)	1/50 - 1/100,000Sec.
Focal length (f)	F2.0/4mm (Box camera), F2.0/3.6mm (Dome camera)
Usable iris controls	Manual/Auto Iris/DC controlled iris (AI/DC: box camera only)
Supply voltage	15VDC / 2 ~ 3watts (supplied from monitor)
Temperature range (Operation)	-10° ~ +50°C
Dimensions (HxWxD)	56x63x143mm (Box camera)
Dimensions (DxH)	125x96mm (Dome camera)
Weight	250/265g (per camera)

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(Specifications continued)

Parts supplied	18m System cable, Wall mount bracket (for box camera only)

Accessories

90471 / EMD-AK/30	Connection cable, 30m for 4-channel
90406 / EMD-AK/90	Connection cable, 90m for 4-channel
90420 / EMD-AIB	Alarm/Intercom Box for 4-ch. Multiplexer
92032 / VKC-1418SC	1/4" Colour System Camera, CS, Lens,
92033 / VKCD-148SC	1/4" Colour Dome Camera, Lens 3.6mm,

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