



Delivery includes IR remote control and mouse!

EDR HD-4H4 – 8-channel (4 HD + 4 SD CCTV) Hybrid Digital Video Recorder, Megapixel & Standard Video over Coax

Features

- both HD-CCTV megapixel video inputs and analog video inputs
- 1920 x 1080 or 1280 x 720 HD resolution recording for HD-CCTV video inputs up to 25 fps per camera
- dual streaming to optimize remote viewing bandwidth utilization
- real time recording and playback rate – up to 25 fps @ D1 on analog and 25 fps @ HD on HD-CCTV
- recording resolution and rate can be set independently for each camera, and changed via user-defined schedule
- multiple main monitors: HDMI 1080p / VGA (1920 x 1080) output
- pentaplex operation – simultaneous live, recording, playback, archiving and remote viewing
- free EverFocus DDNS service
- user-friendly GUI with graphical icons and visual indicators
- support for 4 fixed internal HDD and eSATA external HDD
- supports remote / mobile monitoring via PC browsers, SmartPhones and iPhone / Android apps
- multiple control inputs: mouse / front panel / IR remote control / EKB 500 keyboard
- express setup, express playback, express archive, express search, smart search, snapshot search
- Gigabit Ethernet interface for remote network viewing and configuration
- audio recording capabilities
- built-in DVD burner
- 2 USB 2.0 ports for video archive and mouse usage
- multi-language support
- watermark capabilities
- USB mouse and IR remote control included
- 482mm (19") rack mountable – rack ears included

Technical data

HD camera inputs	4 x HD-SDI / HD-CCTV BNC SMPTE 292M compliant
HD camera format	1080p50, 1080p60, 1080i50, 1080i60, 720p50, 720p60 (automatic format detection), combination of different camera formats possible
Analog camera inputs	4 inputs 1 Vp-p Composite PAL, BNC, automatic 75 Ohm termination
Analog camera outputs	4 loop-through outputs, 1 Vp-p at 75 Ohm
Compression format	H.264
Dual streaming	yes (configurable)
HD recording rate / resolution	1080p / 1080i (1920 x 1080): up to 12,5 IPS for each camera 720p (1280 x 720): up to 25 IPS for each camera
Analog recording rate / resolution	D1: 100 IPS (resolution and rate can be set independently per camera up to the total D1 recording capacity)
HD playback rate / resolution	1080p / 1080i (1920 x 1080): up to 12,5 IPS for each camera 720p (1280 x 720): up to 25 IPS for each camera
Analog playback rate / resolution	D1: up to 100 IPS
Mobile view	live view on PDA or SmartPhones (MobileFocus FREE app for iPhone, Blackberry and Android) plus various web browsers
Pentaplex operation	simultaneous live, recording, playback, archive and remote viewing
Video output	main monitor HDMI 19-pin HDMI socket type A) and VGA (15-pin D-Sub socket) (simultaneous display)
Video output resolution	Format 16:9: 1920 x 1080 / 50 Hz; 1920 x 1080 / 60 Hz; 1920 x 1080 / CVT; 1280 x 720 / 50 Hz; 1280 x 720 / 60 Hz Format 4:3: 1280 x 1024 / 50 Hz; 1280 x 1024 / 60 Hz; 1024 x 768 / 60 Hz; 800 x 600 / 60 Hz
Audio input / output (RCA)	8 inputs / 2 outputs (RCA, line level)
Recording mode	manual, schedule and event
Playback search	date / time search, event search, text search, smart search, snapshot search
Alarm input	8 alarm inputs
Alarm output	4 alarm outputs N.O./N.C., max. 30 V DC, 1 A
Video pause	yes
Video loss detection	yes
Motion detection	yes
Event log	yes
Watchdog timer	yes
Harddisk storage	up to 4x internal 8,9 cm (3,5") SATA harddisks
External harddisk	1 x eSATA
DVD burner	built-in DVDRW drive
User interface	graphical user interface (GUI) with easy mouse or front panel navigation
Operating system	embedded Linux
Network / protocol	Gigabit Ethernet; TCP/IP / DHCP / PPPoE / DDNS / UDP / SMTP / SSL / HTTP / NTP / ICMP / ARP
PTZ control via OSD	local and via web interface
USB	2 front panel USB 2.0 ports
Schedule setting	supports express and advanced schedule setting
User access	3 levels of user access

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Product information

RS-232	9-pin D-Sub socket
RS-485	1 x RS-485 (2 RJ-45 connectors)
Power source	100 ~ 240 V AC
Power consumption	110 W max (with 4x harddisks)
Ambient temperature	0°C ~ +40°C (20~80% humidity)
Dimensions (WxHxD)	430 x 79,5 x 395 mm
Weight	6,8 kg (w/o HDD)
Supported PTZ protocols	EverFocus, Pelco-D, Pelco-P, Samsung, Transparent

Remote control devices

EKB 500 – multi-function keyboard



Technical data

Keys	48
Joystick	3D PTZ function control
Jog/shuttle	DVR control
Display	LCD 2 lines with 20 characters each
Baud rate	1.200 ~ 38.400
Serial interfaces	RS-232 (service) / 2 x RS-485
Protocols	Pelco-P / Pelco-D / EverFocus / Samsung (EI) / EQ 2700 S / Panasonic
Devices	Control of speed dome, DVR and EQ 2700 motorzoom camera
Cascading	Up to 8 keyboards addressable
Wiring box	Yes
Power source	12 V DC, via included power supply 230 V AC
Power consumption	10 W max.
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	360 x 110 x 200 mm
Weight	1,5 kg

Ordering information

EDR HD-4H4 NH	8-channel (4 HD + 4 SD CCTV) Hybrid Digital Video Recorder, Megapixel and Standard Video over Coax, w/o harddisk , 100 ~ 240 V AC Harddisk storage: optional up to 4x built-in 8,9 cm (3,5") SATA HDD
EKB 500	Multi-function keyboard for speed dome and DVRs, with 3-axis joystick and jog/shuttle, 12 V DC (230 VAC power supply incl.)

Please order your EDR-HD DVR as follows:

DVR Series / Model / No. of harddisks / Size of harddisks / Example:

Ordering code: → You'll receive:

EDR HD 4H4 / 1 / 500 → 8-channel (4 HD + 4 SD CCTV) Hybrid Digital Video Recorder with 1 built-in 500 GB harddisk

EDR HD 4H4 / 4 / 1000 → 8-channel (4 HD + 4 SD CCTV) Hybrid Digital Video Recorder with 4 built-in 1000 GB harddisks

If you prefer to receive the DVR and HDDs separately, please order the respective "NH" DVR model and separate harddisks in the requested size. If you prefer to receive the DVR without any harddisks, we'll provide you with a list of suitable harddisks which have been tested and approved for your EDR-HD DVR.