



EPHD 04 – 4-channel HDcctv Real Time Digital Video Recorder, Full HD Video over Coax



Delivery includes IR remote control and mouse!

Features

- Choice of 1920 x 1080 or 1280 x 720 HD CCTV camera support for superlative image clarity
- H.264 compression format for efficient recording
- HD real time recording and playback rate for all cameras (at 1080p)
- HDMI 1080p main monitor output and independent VGA call monitor output
- Simultaneous high resolution recording (1920 x 1080 / 1280 x 720) with reduced bandwidth remote view streaming
- MobileView support: check your home or business on-the-go from your PDA or SmartPhone
- Pentaplex operation – simultaneous live, recording, playback, archiving and remote viewing
- Free EverFocus DDNS service: static IP address is not required for reliable remote access
- User-friendly GUI with graphical icons and visual indicators
- Support for 2 fixed internal HDD and eSATA external HDD
- Multiple control inputs: mouse / front panel / IR remote controller / EKB 500 keyboard
- Express setup: a unique menu option for quick & easy installation
- Express archive: archive video instantly (to USB) while playing back
- Express playback: simply point, click and drag the playback bar to view desired recordings
- Express search: use the intuitive playback bar with simple drag operations
- Smart search: quickly identify motion in areas of interest from recorded video
- Remote configuration support from the built-in web interface
- Gigabit Ethernet interface for remote network viewing and control
- On-screen PTZ control via mouse or front panel
- Per channel audio recording capabilities
- Built-in DVD burner (optional)
- 2 USB 2.0 ports for video archive and mouse usage
- Multi-language support

Technical data	
HD-SDI camera video inputs	4 BNC connectors
Input signal	HD-SDI / HDcctv: 720p50, 720p60 // 1080i50, 1080i60 // 1080p25, 1080p30 SMPTE 292M / 296M
Recording & playback rate / resolution	100 IPS @ 1920 x 1080 – 25 IPS per channel
Compression format	H.264
Dual streaming	Yes
Mobile viewing on PDA / Smart Phone	Yes, various platforms and browsers supported
Pentaplex operation	Simultaneous live, recording, playback, archive and remote viewing
Video output	Main monitor 1080p60 (19-pin HDMI socket type A) Call monitor VGA 1920 x 1080 @ 60 Hz (15-pin D-Sub socket) (live view: full screen, 4x screen, sequence)
Audio input / output (RCA)	4 inputs / 1 output
Recording mode	Manual, schedule and event
Playback search	Date / time search, event search, smart search
Alarm input	4 alarm inputs
Alarm output	2 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 2x internal 8,9 cm (3,5") SATA harddisks
External harddisk	1 x eSATA
Built-in DVD burner	Slim type DVD burner (optional)
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 / RTP / RTSP / NTP
USB	2x USB 2.0 port on front panel
Schedule setting	Supports express and advanced schedule setting
User access	3 levels of user access
RS-232	9-pin D-Sub socket
RS-485	1 x RS-485 screw terminal connector
Power source	12 V DC, 230 V AC via included power supply
Power consumption	60 W max (with 2x harddisks)
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	316 x 99 x 214 mm
Weight	2,5 kg (w/o HDD)

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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

EPHD 04 FI NH	4-channel HDcctv digital video recorder, full HD Video over Coax, w/o harddisk , 12 V DC (230 V AC power supply included) Harddisk storage: optional up to 2x built-in 8,9 cm (3,5") SATA HDD
EPHD 04 DI NH	4-channel HDcctv digital video recorder, full HD Video over Coax, w/o harddisk, with built-in DVD-RW drive , 12 V DC (230 V AC power supply included), harddisk storage: optional up to 2x 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 EPHD DVR as follows:

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

Ordering code: → You'll receive:

EP-HD 04 FI / 1 / 500 → 4-channel HDcctv digital video recorder with 1 built-in 500 GB harddisk

EP-HD 04 DI / 2 / 1000 → 4-channel HDcctv digital video recorder with 2 built-in 1000 GB harddisks and built-in DVD-RW drive

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 EPHD DVR.