Delivery includes IR remote control and mouse!

# EPHD 08 – 8-channel HDcctv Digital Video Recorder, Full HD Video over Coax

## Features

- Choice of 1920 x 1080 or 1280 x 720 HDcctv camera support for superlative image clarity
- H.264 compression format for efficient recording
- HD real time recording and playback rate for all cameras (at 720p)
- HDMI 1080p and VGA multiplex view main monitor outputs
- Simultaneous high resolution recording (1920 x 1080 / 1280 x 720) with reduced bandwidth remote view streaming
- MobileView support: check yoiur 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 4 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
- 3 USB 2.0 ports for video archive and mouse usage
- Multi-language support
- 482mm (19") rack mountable – rack ears included

## Technical data

| | |
|---|---|
| HD-SDI camera video inputs | 8 BNC connectors |
| Input signal | HD-SDI / HDcctv:<br>720p50, 720p60 // 1080i50, 1080i60 // 1080p25, 1080p30<br>SMPTE 292M / 296M |
| Recording & playback rate / resolution | 100 IPS @ 1920 x 1080 – 12,5 IPS per channel // 200 IPS @ 1280 x 720 – 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 1080p30 (19-pin HDMI socket type A)<br>VGA 1920 x 1080 @ 60 Hz (15-pin D-Sub socket) |
| Audio input / output (RCA) | 8 inputs / 1 output |
| Recording mode | Manual, schedule and event |
| Playback search | Date / time search, event search, smart search |
| Alarm input | 8 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 4x internal 8,9 cm (3,5") SATA harddisks |
| External harddisk | 1 x eSATA |
| Built-in DVD burner | Slim type DVD burner |
| 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 | 3x USB 2.0 port (2x on front panel, 1 x on back 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 | 100 ~ 240 V AC |
| Power consumption | 130 W max (with 4x harddisks) |
| Ambient temperature | 0°C ~ +40°C |
| Dimensions (WxHxD) | 430 x 88 x 410 mm |
| Weight | 6,8 kg (w/o HDD) |

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Technical data are subject to change without prior notice.
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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 (El.) / 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

| | |
|---|---|
| EP-HD 08 NH | 8-channel HDcctv digital video recorder, full HD Video over Coax, **w/o harddisk**, 100 ~ 240 V AC<br>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 EP-HD DVR as follows:**

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

Ordering code: ➔ You'll receive:

EP-HD 08 / 1 / 500 ➔ 8-channel HDcctv digital video recorder with 1 built-in 500 GB harddisk

EP-HD 08 / 4 / 1000 ➔ 8-channel HDcctv 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 EP-HD DVR.



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