



# EPHD04

## 4 Channel, 120 FPS HDcctv DVR

### Features

- MobileFocus: Supports iPhone®/iPad®/Android™/Blackberry®\*
- Recording: HD Virtual Real Time 15 FPS @ 1080p; Real Time 30 FPS @ 720, EPHD04 30 FPS Real Time
- Dual Stream Controls: Record at a higher resolution but view at a lower resolution online/mobile device for faster viewing
- 2x, 4x, 8x, 16x zoom on local and remote live & playback
- Independent Ch Controls: Frame Rate/Resolution/Record Quality
- Recording resolution can be changed at different times of the day via scheduling
- Simultaneous Pentaplex Operation at DVR & Online: Live/Recording/
- H.264 Compression for efficient disk and network utilization
- FREE DDNS Service Hosted by EverFocus for EASY Networking
- Main Monitor: Simultaneous Viewing at 1920 x 1080 on HDMI and VGA
- Built-in DVD burner
- Supports External Hard Drive Storage via eSATA
- Per-Camera Audio Channels
- Multiple control inputs: mouse/front panel/IR remote controller/EKB500 keyboard
- User Friendly GUI with graphical icons and visual indicators
- Local & Remote On-Screen PTZ Control
- Built-in recording calculator estimates storage capacity based on settings
- Smart Search: quickly identify motion in areas of interest from recorded video
- Event Search: Search date/time by an event (alarm, motion, video loss)
- Express Playback & Search: Point, Click, Drag playback bar for Instant Viewing
- Express Setup: A unique menu option for quick & easy installation
- 3 different administration levels to restrict or allow access to DVR controls (DVR/Online Interface)
- Online Web interface: Allows 10-users to simultaneously view online from a browser
- Rack Mountable (19") includes Rack Ears
- IR Remote & USB Mouse included
- Raid

<b>HDcctv Camera Video Inputs</b>	4 BNC connectors
<b>Recording &amp; Playback Max Rate/Resolution</b>	120FPS @ 1080p - 30 NTSC / 25 PAL (per channel) 120FPS @ 720p - 30 NTSC / 25 PAL (per channel)
<b>Video Format</b>	NTSC/PAL Auto detected by System
<b>Main Stream</b>	1920x1080 1080HD (2,073,600 pixels) 1280x720 720HD (921,600 pixels) 860x480 16:9 WVGA (412,800 pixels) 640x360 16:9 VGA (230,400 pixels)
<b>Sub Stream</b>	640x360 (230,400 pixels) 428x240 (102,720 pixels)
<b>Recording Compression Format</b>	H.264 main stream; H.264/MJPEG sub stream
<b>Dual Streaming</b>	On demand reduced bandwidth control for live and playback over the network
<b>Pentaplex Operation</b>	Simultaneous Live, Recording, Playback, Archive and Remote Viewing
<b>Video Output</b>	HDMI Main Monitor: 1080p, Independent Multiplex Call Monitor: 1920x1080 VGA
<b>Audio Input/Output</b>	4 Inputs / 1 Output Line Level RCA Connectors
<b>Recording Mode</b>	Manual, Schedule and Event
<b>Schedule Settings</b>	Express and Advanced Modes
<b>Playback Search</b>	Date/Time Search, Event Search, Smart Search, Snapshot Search
<b>Alarm In</b>	4 Alarm Inputs
<b>Alarm Out</b>	2 Alarm Outputs – Form "C" rated at 30VDC, 1A
<b>Video Pause</b>	Yes
<b>Video Loss Detection</b>	Yes
<b>Motion Detection</b>	Yes
<b>Event Log</b>	Yes
<b>Watch Dog Timer</b>	Yes
<b>Internal HDD</b>	2 Internal 3.5" SATA HDD; 3Tb each supported
<b>RAID Data Protection/ Internal HDD Configurations</b>	RAID1 (mirroring); Linear storage or RAID0 (no data protection)
<b>External HDD</b>	1 eSATA Linear Storage (optional EDA450 supports up to 4 HDD)
<b>Max Total Combined HDD Size</b>	Up to 18Tb
<b>Built-in DVD Burner</b>	DVD+RW Slim Type SL DVD Burner, (use 4X media or higher)
<b>User Interface</b>	GUI (Graphical User Interface – mouse supplied), Front Panel Buttons w/ Jog/Shuttle, Web UI; IR Remote Control (supplied)
<b>OS</b>	Embedded Linux
<b>RAM</b>	2Gb
<b>Network Connectors</b>	Dual RJ-45 1 Gigabit/second
<b>Network/Protocols</b>	Gigabit Ethernet; TCP/IP / DHCP / PPPoE / DDNS / UDP / SMTP / SSL / RTP / RTSP / NTP
<b>USB</b>	2 Front Panel USB 2.0 ports
<b>User Access</b>	3 Levels of User Access Support
<b>RS-232</b>	9-pin D-Sub socket (male)
<b>RS-485</b>	1 RS485 (3 Terminal connector)
<b>Power Source</b>	Supplied adapter accepts 100~240VAC, converts to 12VDC @60W max. with 2 x HDD
<b>Dimensions (L x W x H)</b>	12.44" x 8.42" x 3.89" / 316 x 214 x 99 mm
<b>Weight</b>	2.73Kg/6 lbs without HDDs
<b>Operating Temperature</b>	0°C~40°C / 32°F~104°F (20~80% humidity)
<b>Certifications</b>	CE, FCC, UL
<b>Supported PTZ Protocols</b>	EverFocus, Pelco D, Pelco P, Samsung, Transparent
<b>Remote Web Access</b>	Full function IE based GUI, Dual stream for bandwidth management, Live, Playback, Archive and Configuration
<b>CMS Support</b>	Power Video Plus for Windows CMS for MAC (in beta test)
<b>Smart Phone/Tablet Free App</b>	MobileFocus for iOS and Android
<b>Smart Phone/Tablet Multi View &amp; Playback App</b>	MobileFocus Plus for iPhone and Android

### Ordering Information

EPHD04/2: 4 Channel Full HDcctv DVR, 120 FPS, 2 TB

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