

## ECOR FHD 16x1 DVR

16 CH, H.264, 1080p Full HD

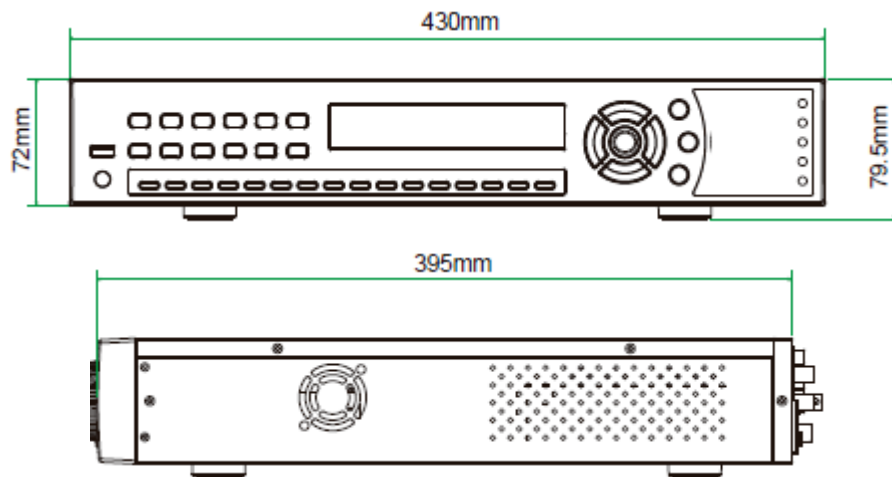
**eZ.HD**



## Features

- Megapixel resolution over standard coaxial / UTP (Unshielded Twisted Pair) cable
- eZ upgrade to Full HD resolution
- 1080p full HD, 720p, 960H or D1 simultaneous video inputs
- H.264 compression format for enhancing recording capacity and improving network image transmission speed
- eZ Controller function: Control camera OSD settings and PTZ operation directly from DVR end
- Multiple Monitors: Separately configured HDMI, VGA Monitor outputs
- High bandwidth full HD recording with recordable reduced bandwidth stream for mobile or multiplexed viewing applications.
- Supports live monitoring and playback of video from mobile devices via MobileFocus (Plus) / MobileFocusHD (Plus) Apps.
- Multiple Control Inputs: mouse / front panel / IR remote controller
- Remote configuration supports from built-in web interface
- Ethernet interface for remote network viewing and control
- eZ Hopper function: Only one mouse to control up to 16 connected EverFocus DVRs / NVRs
- Supports radio-controlled clock for time synchronization
- Integration with Genie XMS CMS
- Multi-language support

## Dimensions



## Accessory

### EKB200

USB controller keyboard

Connect to the PC or DVR to control the PTZ cameras connected to the DVR



### EKB500

RS-485 keyboard

Connect to the RS-485 port to control the PTZ cameras connected to the DVR



### EDA450

eSATA Storage Device: connect to the eSATA port (only supports for non-DVD burner DVR model)



# Specification

Model Name		ECOR FHD 16x1
<b>System</b>		
Operating System		Embedded Linux
Number of Channels		16CH
RAM		2GB
Watchdog		Yes
Dual Stream		Yes
OSD Menu		Yes
System Control		Front Panel Buttons, Mouse, IR Remote Control
Pentaplex Operation		Simultaneous Live, Recording, Playback, Archive and Remote Viewing
PTZ Protocol Supported		EverFocus, Pelco D, Pelco P, Samsung, Transparent
<b>Video</b>		
Compression Format		H.264
Video Format		NTSC / PAL
Video Inputs		16 x BNC
Video Looping Outputs		16 x BNC
Video outputs	Main	HDMI and VGA
	Call	BNC
<b>Recording</b>		
Recording Rate / Resolution	NTSC	240fps @ 1080p; 480fps @ other res.
	PAL	200fps @ 1080p; 400fps @ other res.
Recording Modes		Manual, Schedule and Event
<b>Playback</b>		
Playback Rate / Resolution	NTSC	240fps @1080p; 480fps @ other res.
	PAL	200fps @1080p 400fps @ other res.
Search Modes		Date / Time, Event, Motion in Recorded Video, Snapshot by Interval
<b>Audio</b>		
Audio Input		16 inputs
Audio Output		1 output
<b>Alarm</b>		
Alarm Inputs		16 inputs
Alarm Outputs		1 x relays
<b>Storage Device</b>		
Internal 3.5" HDD		4 x SATA HDD (Optional)
External HDD		1 x eSATA (only supports for non DVD burner model)
Storage Capacity		16 TB
DVD burner		Yes

<b>Model Name</b>	<b>ECOR FHD 16x1</b>
<b>Network</b>	
Ethernet	10/100 Ethernet
Protocol	TCP-IP / DHCP / PPPoE / DDNS / SMTP / NTP
<b>Interface</b>	
USB 2.0	2 x USB 2.0 port (1 on Front Panel, 1 on Back Panel)
RS-485	2 pin terminal connector
Ethernet	1 x RJ-45
<b>General</b>	
Power Input	12 VDC / 8A
Power Consumption	96W max.
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F (20 ~ 80% humidity)
Dimensions (W x D x H)	395 x 430 x 79.5mm / 15.6" x 16.9" x 3.2"
Weight (without HDDs)	6kg / 13.23lb
Language	English, Japanese, Traditional Chinese, Spanish, Deutsch, French, Russian, Portuguese (Brazil), Dutch, Simplified Chinese
Regulatory	CE, FCC, UL
<b>Functions</b>	
Video Pause	Yes
Video Loss Detection	Yes
Motion Detection	Yes
Event Log	Yes
User Interface	GUI (Graphical User Interface)
Control PTZ via OSD	Yes (via both local and remote interfaces)
Schedule Setting	Supports Express and Advanced Schedule Setting
User Access	3 Levels of User Access Defined
<b>Remote Client System Minimum Requirement</b>	
Operating System	Windows XP (32-bit) / Win7 (32 and 64-bit)
CPU	Intel Core 2 Duo, 2.6GHz
RAM	2GB
VGA	AGP / PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color
LAN Speed	10 / 100 / 1000 Mbps (RJ45)
Web Browser	Windows (IE, Chrome, Firefox)
Other Remote Application	1. EverFocus' CMS: Genie XMS 2. EverFocus' mobile app: MobileFocus for iOS and Android devices; MobileFocusHD for iPad