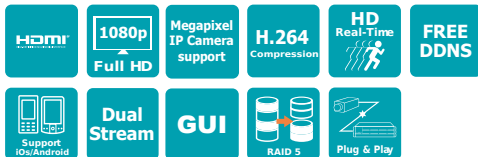


# ENVR8304D-8CH

8 Channel Plug & Play NVR

NEW



## Features

- 8-channel real-time recording and playback at 1080p resolution
- Support megapixel IP cameras
- The plug and play design simplifies installation and configuration
- H.264 compression format for enhanced recording capacity and improved network image transmission speed
- Separately configured HDMI or VGA (1080p) monitor outputs
- High bandwidth 1080P recording (200 / 240fps) with recordable reduced bandwidth stream for mobile or multiplexed viewing applications
- RAID5 – for full data protection
- Free EverFocus DDNS Service – static IP address is not required for reliable remote access
- Supports one eSATA port for external HDD(optional:EDA450)
- Supports live monitoring and playback of video from mobile devices via MobileFocus / MobileFocus Plus Apps
- Multiple Control Inputs: mouse / remote controller / EKB500 and EKB200 keyboard
- Multiple intelligent video query functionality, including snapshot and smart search
- Powerful archive functionality from both remote and NVR sites
- Simplified access to common features such as setup, archival, playback and search functions through express menus
- Remote configuration support from built-in web interface
- Gigabit Ethernet interface for remote network viewing and control
- 8 ports PoE smart switch
- Integration with PowerVideo Plus
- Multi-language support
- 19" Rack mountable – rack ears included

## Specifications

|                                    |  |
|------------------------------------|--|
| <b>System</b>                      |  |
| OS                                 | Embedded Linux   |
| <b>Video</b>                       |  |
| Number of Channels                 | 8 CH   |
| Compression                        | H.264 / M-JPEG   |
| <b>Audio</b>                       |  |
| Input / Output                     | 1 / 1 (Line level)   |
| <b>Display</b>                     |  |
| Monitor Outputs                    | VGA / HDMI   |
| <b>Recording</b>                   |  |
| Rate / Resolution                  | Up to 5 megapixel IP camera<br>1080P x 240 / 200fps<br>720P x 240 / 200fps<br>D1 x 240 / 200fps<br>CIF x 240 / 200fps<br>Max. 30fps @ 1080p / CH (Depend on IP Camera) |
| Recording Mode                     | Manual, Schedule and Event or choose number of days  |
| Recording Performance              | 56 Mbps up   |
| <b>Playback</b>                    |  |
| Rate / Resolution                  | Up to 5 megapixel IP camera<br>1080P x 240 / 200fps<br>720P x 240 / 200fps<br>D1 x 240 / 200fps<br>CIF x 240 / 200fps  |
| Search Mode                        | Date / Time, Event, Motion in recorded video, Snapshot by Interval   |
| <b>Video Detection &amp; Alarm</b> |  |
| Alarm Input / Output               | 2 / 2  |
| <b>Network</b>                     |  |
| Network / Protocol                 | Gigabit Ethernet ; TCP-IP / DHCP / PPPoE / EverFocus DDNS / RTSP / RTP / HTTP / SMTP / POP3 / SSL  |
| Max. User Access                   | 3 Levels of User Access Defined  |
| Smart Phone                        | MobileFocus Apps for iOS and Android devices.<br>MobileFocusHD for iPad  |
| <b>Storage</b>                     |  |
| Internal HDD                       | 4 x SATA HDD   |
| External HDD                       | 1 x eSATA (optional:EDA450)  |
| <b>DVD Burner</b>                  |  |
| Built-in DVD Burner                | -  |
| <b>External Interface</b>          |  |
| USB Interface                      | 4 x USB 2.0 ports  |
| RS-232 / RS-485                    | 1 / 1  |
| <b>General</b>                     |  |
| PTZ Protocols Supported            | EverFocus, Pelco D, Pelco P, Samsung, Transparent  |
| Power Source                       | 100-240 VAC~, 150W max.  |
| Working Temperature                | 0°C~40°C / 32°F~104°F (20~80% humidity)  |
| Dimension ( W x D x H )            | 430 x 423 x 72mm / 16.93" x 16.65" x 3.13"   |
| Weight                             | 6.0kgs / 13.23lbs (without HDDs)   |
| Certificates                       |  |

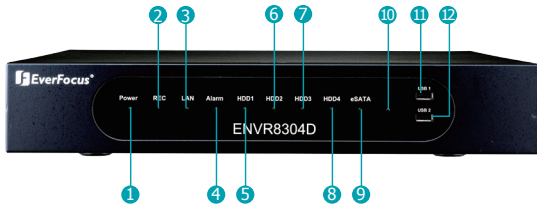
\* All product specifications are subject to change without notice

\* Models vary in different countries. Please visit EverFocus regional websites for detailed ordering information

\* Lens models and availability vary in different regions

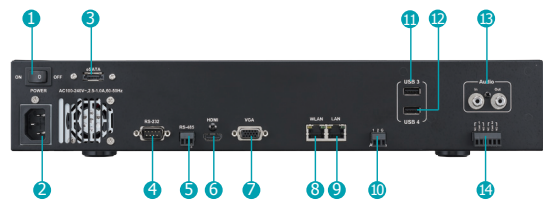
## Major Operating Controls

Front View



- |             |                            |               |
|-------------|----------------------------|---------------|
| 1 Power LED | 6 HDD2 LED                 | 11 USB Port 1 |
| 2 REC LED   | 7 HDD3 LED                 | 12 USB Port 2 |
| 3 LAN LED   | 8 HDD4 LED                 |               |
| 4 Alarm LED | 9 eSATA LED                |               |
| 5 HDD1 LED  | 10 Remote Control Receiver |               |

Rear View



- |              |               |                   |
|--------------|---------------|-------------------|
| 1 Power S/W  | 6 HDMI Output | 11 USB Port 3     |
| 2 Power Plug | 7 VGA Output  | 12 USB Port 4     |
| 3 eSATA Port | 8 WLAN Port   | 13 Audio In / Out |
| 4 RS232 Port | 9 LAN Port    | 14 Alarm Out      |
| 5 RS485 Port | 10 Alarm In   |                   |

## Advantages

### Easy Upgrade to IP Surveillance System

With plug-and-play technology, the complicated network configurations are simplified in one step.

### High Resolution Recording

Full HD real-time on all 8 channels at 25 / 30 fps giving a total of 200 / 240 fps.

### HDD Management

Up to 4 SATA hard disks and 1 eSATA disk can be connected, each disk with a maximum of 4TB storage capacity.

### Full HD Video Output

Full HD 1080p brings superior picture performance on a massive scale ; it can provide 1:1 output for megapixel camera. Digital output renders stunning images from any resolution which enhances motion to deliver a smoother and clearer looking.

### H.264 Compression Technology

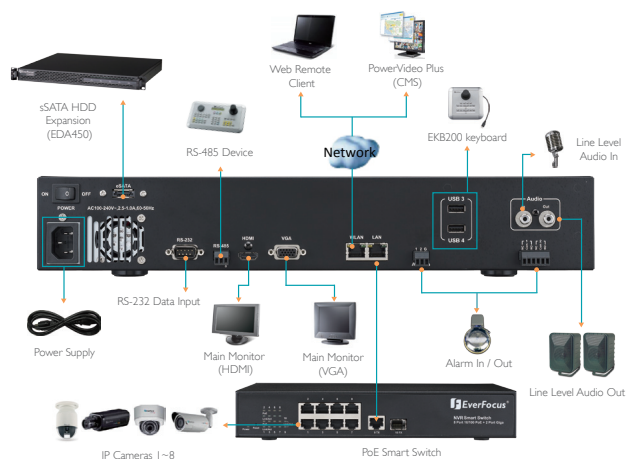
H.264 compression technology provides up to 1.5 times better compression ratio than MPEG-4. Benefiting from H.264, the ENVR8304D-8CH delivers crystal clear images with low bandwidth consumption.

## System Configuration

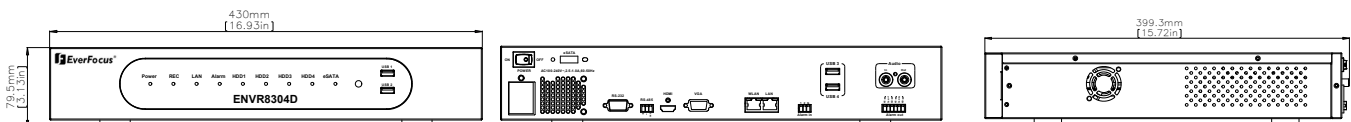
Front View



Rear View



## Dimensions



\* All product specifications are subject to change without notice  
 \* Models vary in different countries. Please visit EverFocus regional websites for detailed ordering information  
 \* Lens models and availability vary in different regions