ENVR8304D-8CH – 8-Channel Plug & Play Network Video Recorder with PoE switch

Features

- 8-channel real-time recording and playback at 1080p resolution
- 8 ports PoE smart switch included
- Support of EverFocus megapixel IP cameras
- Plug & play: automatic camera detection and installation and instant recording function with default settings
- HDMI and VGA monitor outputs
- High bandwidth 1080p recording (240 IPS) with recordable reduced bandwidth sub stream for mobile or multiplexed viewing applications
- RAID 5 – for full data protection
- Free EverFocus DDNS service – static IP address is not required for reliable remote access
- Live monitoring and playback of video from mobile devices via MobileFocus / MobileFocus Plus apps
- Multiple control inputs: mouse / remote controller / EKB 200 keyboard

- Multiple intelligent video query functionality, including snapshot search
- Powerful archive functionality from both remote and NVR sites
- Simplified access to common features such as setup, archiving, playback and search functions through express menus
- Remote configuration and operation support from built-in web interface
- Gigabit Ethernet interface for remote network viewing and control
- Audio functionality (optional)
- Integration with PowerVideo Plus
- Multi-language support
- 19" rack mountable – rack ears included

Technical data NVR	
Operating system	Embedded Linux
Number of channels	8 channels
Compression	H.264 / M-JPEG
Audio input / output	1 line input / 1 line output, RCA socket (audio model only!)
Monitor output	HDMI / VGA, simultaneous, synchronized display
Monitor output resolutions	1920 x 1080 (1080p60) / 1280 x 1024 / 1024 x 768 / 800 x 600
Recording rate / resolution	Main stream: 2048 x 1536: 120 IPS max. 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768 / 720 x 576 / 704 sx 576 / 640 x 480: 240 IPS max. Sub stream: 720 x 576 / 704 x 576 / 640 x 480 / 352 x 288 / 320 x 240: 240 IPS max.
Max. input stream bandwidth	56 Mbit/s
Recording mode	Manual, scheduled and event recording or choose number of days
Playback rate / resolution	2048 x 1536: 120 IPS max. all other resolutions: 240 IPS max.
Playback search mode	Date/time, event, motion in recorded video, snapshot by interval
Alarm input / output	2 alarm inputs, 2 alarm outputs
Network interface	2 x Gigabit, RJ45
Network protocol	TCP-IP / DHCP / PPPoE / EverFocus DDNS / RTSP / RTP / HTTP / SMTP / POP3 / SSL
User management	Max. 20 users with adjustable user rights
Smart phone	MobileFocus apps for iOS and Android devices MobileFocus HD for iPad
Internal storage	4 x SATA HDD, 16 TB max., normal mode or RAID 5
Interfaces	4 x USB 2.0 ports 1 x RS-232 / 1 x RS-485
Supported cameras	EverFocus megapixel IP cameras (from Nevio HD Plus series on)
Power source	100 ~ 240 V AC
Power consumption	150 W max.
Ambient temperature	0°C ~ +40°C
Humidity	20% ~ 80%
Dimensions (WxHxD)	430 x 72 x 423 mm
Weight	6,0 kg (w/o HDD)

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Technical data PoE switch
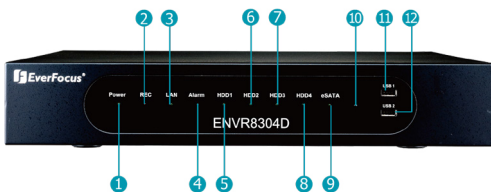
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Ports	8 x 10/100 Mbit/s PoE 802.3at, RJ45 1 x 1000 Mbit/s Uplink, RJ45 1 x 1000 Mbit/s SFP
PoE power	125 W max. total (8 ports at full 15,4 W / 4 ports at 30 W)
Power input	100 ~ 240 V AC, 130 W max.
Ambient temperature	0°C ~ +45°C
Humidity	0 ~ 90% non-condensing
Dimensions (WxHxD)	266 x 44 x 160 mm
Weight	1,8 kg

Dimensions
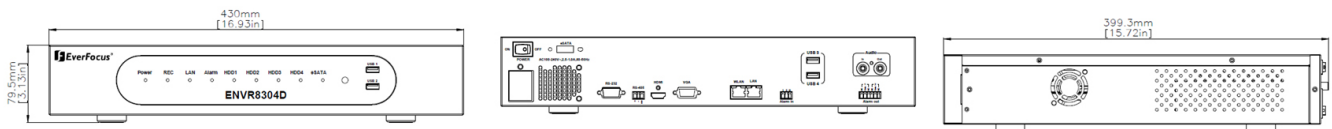
Major operating controls

Front view

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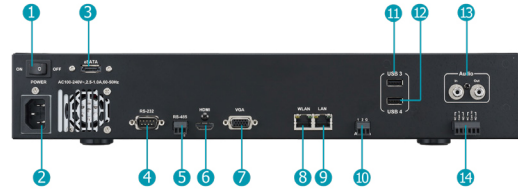
(5)	Power S/W	(10)	HDMI Output	(1)	USB Port 3	
(6)	Power Plug	(11)	VGA Output	(2)	USB Port 4	
(7)	eSATA Port	(12)	WLAN Port	(3)	Audio In/Out	
(8)	RS232 Port	(13)	LAN Port	(4)	Alarm Out	
(9)	RS485 Port	(14)	Alarm In			

System configuration

Rear View

Front View

Ordering information

ENVR 8304D-8CH EA	8-channel Plug&Play network video recorder with external PoE switch, with audio function, 100~240 V AC

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