

ENDEAVOR264L4

16 Channels D1 real-time recording,
8 Channels D1 real-time playback,
Full HD 1080P output



Features

- Compatible with FREE Everfocus Central Management Software
- D1 real time recording rate for 16 cameras
- D1 real time playback rate for 8 cameras
- HDMI video output (1080p)
- Simultaneous main streaming (400 PAL/480 NTSC (D1)) and second streaming
- H.264 Compression format for efficient disk utilization and network bandwidth conservation
- Normal and event recording frame rate can be set independently for each camera
- Recording at CIF for remote web viewing to conserve bandwidth
- Matrix output x 4
- Support eSATA (Future use)
- Gigabit Ethernet interface for remote network viewing and controlling
- Audio recording capabilities
- Support up to 4 fixed internal HDD
- 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
- Supports mobile monitoring of live video from PDA and Smart Phones
- Multiple Control Inputs: mouse/front panel/remote controller/EKB500 keyboard
- Built-in record time calculator for fast recording estimation
- 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 & drop operations
- Smart Search: Directly catch the movement in the specified area
- Snapshot search: Show snapshots of the specified interval, help quickly find the interested scene
- Remote configuration support from the built-in web interface
- On-screen PTZ control via mouse or front panel
- Built-in DVD burner (Optional)
- 2 USB 2.0 ports (1 located on front panel, 1 located on back panel) for video archive and mouse usage
- Multi-language support
- Watermark capabilities to identify intentional modifications to exported data
- USB Mouse and IR remote control included

Specifications

Channel Number	16
Compression Format	H.264
HDMI Output	Yes
Recording Rate/Resolution	480 NTSC / 400 PAL (D1:704x480) 480 NTSC / 400 PAL (Half D1:704x240) 480 NTSC / 400 PAL (CIF:352x240)
Playback Rate/Resolution	D1 8CH 240 NTSC / 200 PAL (D1:704x480) 240 NTSC / 200 PAL (Half D1:704x240) 240 NTSC / 200 PAL (CIF:352x240)
Mobile Device	Live view on PDA or Smart Phones (MobleFocus FREE app for iPhone® and Android™) plus various web browsers
Pentaplex Operation	Simultaneous Live, Recording, Playback, Archive and Remote Viewing
Video Input	16 BNC
Video Output	Main: HDMI (1080p), VGA (1280x1024) Call: BNC(up to 16-up) Looping: 16 BNC Matrix x4*
Recording Mode	Manual, Schedule and Event; or, choose Number of Days
Playback Search	Date/Time, Event, Motion in Recorded Video, snapshot by Interval
Audio Input	16
Audio Output	2
Alarm In	16
Alarm Out	4
Video Pause	Yes
Video Loss Detection	Yes
Motion Detection	Yes
Event Log	Yes
Watch Dog Timer	Yes
Internal HDD	4
eSATA	Yes
Built-in DVD Burner	Yes(Optional)
User Interface	GUI(Graphical User Interface)
OS	Embedded Linux
Network/Protocol	Gigabit Ethernet; TCP-IP / DHCP/ PPPoE / DDNS
Control PTZ via OSD	Yes (via both local and remote interfaces)
Dual Streaming	480 NTSC / 400 PAL (CIF)
USB	2 USB 2.0 port (on Front Panel)
Schedule Setting	Express and Advanced Schedule Setting Tools
User Access	3 Levels of User Access Supported
RS-232	Yes
RS-485	RJ45x2
Power Source	100~240VAC ,110W max
Dimensions(L x W x H)	430 x 423 x 72 mm / 16.93" x 16.65" x 3.13"
Temperature	0°C~40°C / 32°F~104°F (20~80% humidity)
Certifications	CE, FCC, UL
Support PTZ Protocol	EverFocus, Pelco D, Pelco P, Samsung, Transparent

Major Operating Controls

- | | |
|---------------------|----------------------------|
| 1 Main Power Plug | 8 Alarm In |
| 2 Network Connector | 9 Alarm Out |
| 3 RS232 Connector | 10 eSATA |
| 4 RS485 Connector | 11 Audio In |
| 5 Main VGA | 12 Audio Out |
| 6 HDMI Output | 13 Video Input and Looping |
| 7 Call Monitor Out | 14 Matrix |

Rear View



- Front & back panel controls vary depending on models

Advantages

Real-time High-resolution Recording

Applying high speed data processing technology across all channels with H.264 full-frame compression, the ENDEAVOR achieves the ability to record and play real time video on all channels on all models. Frame rate can be independently set over the channels to fit the different recording speed requests in different scenes. The ENDEAVOR264X4 series also provides the simultaneous full speed playback over all channels while recording.

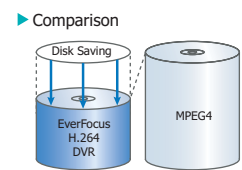


Video Streaming to Mobile Devices

The EMR264 series supports streaming for and mobile monitoring, allowing you the capability to check your home or business on-the-go directly from a variety of RTSP capable mobile devices – FREE! No additional servers or purchased programs required.

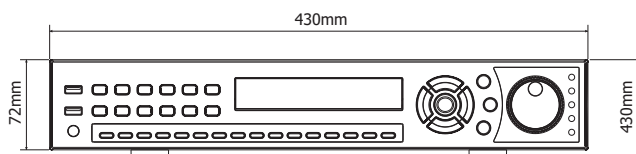
H.264 Compression Technology

H.264 compression technology is considered 1.5 times better compression ratio than MPEG4. Benefiting from H.264 Paragon DVR delivers the crystal clear images as long with the low bandwidth consumption.

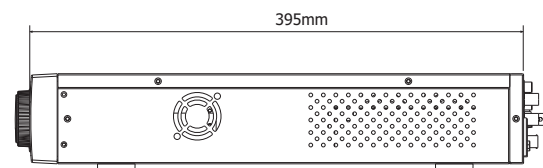


Dimensions

Front View



Side View



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

* All product specifications are subject to change without notice