EverFocus®

Innovation at a Competitive Price

ECOR264 Series with H.264

4 CH | 8 CH | Audio I/O | H.264 | GUI Graphic user interface | USB Mouse | USB Drive | FREE DDNS | DVD+RW (Optional)

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ECOR264 Series with H.264

Moving forward with the newest H.264 video compression technology, the ECOR264 series DVR offers enhanced recording capacity and improved network transmission speed without sacrificing image quality.

▶ Features

- H.264 Compression format
- Pentaplex Operation (Simultaneous live, recording, playback, archiving and remote viewing)
- User friendly GUI with graphical icons and visual indicators
- Free EverFocus DDNS Service
- Multiple Control Inputs: mouse/front panel/EKB500 Controller
- Built-in DVR calculator for fast recording estimation
- Express Setup menu option for quick & easy installation
- Built-in Web interface with live view, playback and configuration support
- Audio recording capability
- Supports 1 internal SATA HDD
- Built-in DVD burner (Optional-4D1/8D1 models only)
- 2 USB ports for video archive and mouse usage
- Multi-language support
- Watermark capabilities to identify intentional modifications of exported data
  * Feature not available on all models

▶ Advantages

H.264 Compression Technology

H.264 compression technology is considered to be approximately 1.5 times more efficient in compression ratio than MPEG4. Another benefit from the H.264 compression is high quality images along with low LAN/WAN bandwidth utilization.

▶ Comparison
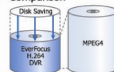
Intuitive Graphical User Interface

With the easy-to-use Graphical User Interface (GUI), users can click the screen to select live or playback on the selected channel, change screen layouts or modify recording parameters.
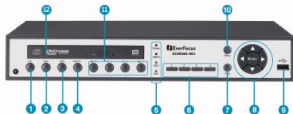
Pentaplex Operation (Live, Recording, Playback, Archiving & Remote Viewing)

By combining high speed digital signal processing technology with optimized disk I/O, the ECOR264 series DVR can simultaneously display live and playback video on the main monitor, archive video to a DVD or USB drive, stream live and recorded video over the Internet for remote viewing, all while continuing to record without interruption.

◉ Major Operating Controls

Front Panel

Back Panel

Front Panel:

1. Live
2. View
3. Sequence
4. Search
5. System LED
6. Channel Key
7. Copy
8. Menu Navigation Keys
9. USB
10. Menu
11. Playback Control Keys
12. DVD+RW Burner*

* Optional – included on -4D1/8D1 model

Back Panel:

1. 12 VDC Power In
2. Alarm Input
3. Alarm Output
4. RS485 Connector
5. Audio In/Out
6. Camera BNC In
7. Monitor BNC Out
8. Monitor VGA Out
9. USB for Mouse
10. Network Connector

◉ System Configuration

Analog Monitor

VGA Monitor

Analog Monitor

VGA Monitor

Speed Dome Camera

RS485

EKB500
Multi-Function Controller

Speed Dome Camera

RS485   RS485

RS485   I....99

Video In

Video In

Cameras

Standard CCD Camera

Audio in

Audio Out

LAN

IR Remote Controller

Memory Stick

PC Mouse

Alarm

Amplifiers

Remote Site
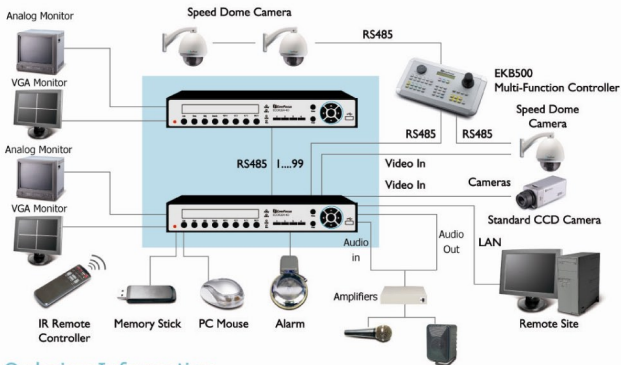
◉ Ordering Information

- ECOR264-4D1/500: 4 Ch, H.264, w/DVD Burner, GUI, 500GB
- ECOR264-4D1/1000: 4 Ch, H.264, w/DVD Burner, GUI, 1TB
- ECOR264-4F1/500: 4 Ch, H.264, GUI, 500GB
- ECOR264-4F1/1000: 4 Ch, H.264, GUI, 1TB
- ECOR264-8D1/500: 8 Ch, H.264, w/DVD Burner, GUI, 500GB
- ECOR264-8D1/1000: 8 Ch, H.264, w/DVD Burner, GUI, 1TB
- ECOR264-8F1/500: 8 Ch, H.264, GUI, 500GB
- ECOR264-8F1/1000: 8 Ch, H.264, GUI, 1TB

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◉ Specifications

Number of Channels	4	8
Compression Format	H.264	
Recording & Playback Rate/Resolution	120 NTSC / 100 PAL (CIF) 60 NTSC / 50 PAL (Half D1) 30 NTSC / 25 PAL (D1)	120 NTSC / 100 PAL (CIF) 60 NTSC / 50 PAL (Half D1) 30 NTSC / 25 PAL (D1)
Pentaplex Operation	Simultaneous Live, Recording, Playback, Archive and Remote Viewing	
Video Inputs	4 BNC Composite	8 BNC Composite
Main Monitor Outputs	1 BNC Composite, 1 VGA	
Audio Input/Output	1 Input / 1 Output 10KΩ/500mV P-P	
Recording Mode	Manual, Schedule and Event	
Playback Search	By Date/Time and Event	
Alarm In	4 Inputs	8 Inputs
Alarm Out	1 Alarm Output (Form "C") / 3A/125VAC/30VDC	
Video Pause	Yes	
Video Loss Detection	Yes	
Motion Detection	Yes	
Event Log	Yes	
Watch Dog Timer	Yes	
Internal HDD	1 SATA	
Built-in DVD Burner	Slim Type DVD Burner(Optional "D" Model)	
User Interface	GUI(Graphical User Interface)	
OS	Embedded Linux	
Network/Protocol	10/100Mbps Ethernet; TCP-IP / DHCP/ PPPoE / Everfocus DDNS	
USB	1 USB 2.0 on Front Panel/1 USB 1.0 on Rear Panel	
Schedule Setting	Supports Express and Advanced Schedule Setting	
User Access	3 Levels of User Access Provided	
RS-485	Terminal connector	
Power Source	12VDC/ 2 amps from 100/240VAC adapter provided	
Dimensions (L x W x H)	320 x 208.9 x 54.3 mm / 12.6" x 8.2" x 2.1"	
Temperature	0°C~40°C / 32°F~104°F (20~80% humidity)	
Supported PTZ Protocols	EverFocus, Pelco D, Pelco P, Samsung, Transparent	
Remote Control	Multifunction IR included	
Keyboard Support	EKB500 via RS-485	

® EverFocus Electronics Corp.

Head Office:
12F, No.79 Sec. 1 Shin-Tai Wu Road,
Hsi-Chih, Taipei, Taiwan
TEL: +886-2-26982334
FAX: +886-2-26982380
www.everfocus.com.tw

U.S.A - California Office:
1801 Highland Ave. Unit A
Duarte, CA 91010
TEL: +1+626-844-8888
FAX: +1+626-844-8838

Japan Office:
809 WBG MARIBU East 18F, 2-6
Nakase,Mihama-ku,Chiba city
261-7118, Japan
TEL: +81-43-212-8188
FAX: +81-43-297-0081
www.everfocus.co.jp

U.S.A - New York Office:
415 Oser Avenue Unit S
Hauppauge, NY 11788
TEL: +1+631-436-5070
FAX: +1+631-436-5027
www.everfocus.com

Europe - Germany Office:
Albert-Einstein-Strasse 1
D-46446 Emmerich, Germany
TEL: 49-2822-9394-0
FAX: 49-2822-9394-95
www.everfocus.de

China Office:
Room B-05D-1, KESHI PLAZA ,
Shangdi Information Industry Base,
Haidian District, Beijing China
100085
TEL: +86-10-62973336/37/38/39
FAX: +86-10-62971423
www.everfocus.com.cn

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