



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)

Innovation at a Competitive Price

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.

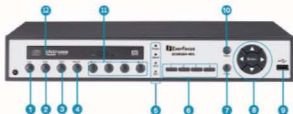


Pentaplex Operation (Live, Recording, Playback, Archiving & Remote Viewing)

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



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

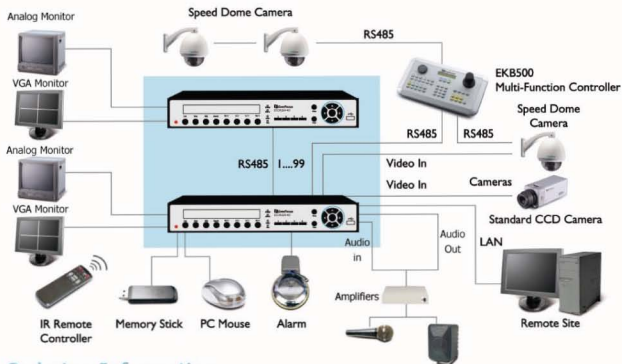
Back Panel



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

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

System Configuration



Ordering Information

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

Innovation at a Competitive Price

ECOR264 Series with H.264

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 10K Ω /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 $^{\circ}$ C~40 $^{\circ}$ C / 32 $^{\circ}$ F~104 $^{\circ}$ 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
www.everfocus.com

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 5
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, KESHU 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

Notice:

© 2010 EverFocus Electronics Corp. EverFocus is a registered trademark of EverFocus Electronics Corp. All rights reserved. Product features and specifications are subject to change without notice. No parts or contents of this datasheet may be reproduced or transmitted in any form or by any means without permission from EverFocus. Not all models featured are available in all countries. For accessories and other product information, please visit www.everfocus.com

1. Safety Precaution: Please read all operating instructions and installation manual carefully before using this product.
2. EverFocus is not responsible for network performance and/or other manufacturer products that reside on the network.
3. All product weights and dimensions are approximate.
4. All products may be subject to export control regulations.
5. All product photographs were taken for the purpose of explanation. Actual images may differ.
6. This datasheet is designed and printed in Taiwan.

Distributed by