

Duplex

EDR810H

MPEG4 Half Size 8CH Digital Video Recorder

EDR410H

MPEG4 Half Size 4CH Digital Video Recorder



SPECIAL FEATURES

- ▶ 4/8 CH Networking Half Size DVR
- ▶ MPEG4 compression
- ▶ Data can be archived to either USB or Compact Flash card
- ▶ Auto time synchronization with NTP Server

Affordable, Easy to Operate

MPEG4 Half Size Series Network DVR

EverFocus is proud to introduce our innovative Half Size MPEG4 digital video recorders. EverFocus concentrates on developing technologically advanced DVRs and the EDR410H/EDR810H is a great addition to the classic CCTV products such as cameras, multiplexers, quads and numerous systems accessories EverFocus is known for.

The MPEG4 Half Size Series DVR incorporates all the benefits of digital video recording, 600 Hours^a recording, and MPEG4 compression, 6x's more recording time than Motion JPEG. Highly efficient compression technology to extend the recording time makes the EDR Series stand out from the competition as the best choice for security surveillance.

^aRecording Hours Depends on the capacity of HDDs.

FEATURES

SPECIAL FEATURES

- MPEG4 compression with resolution up to 720x480 (NTSC) or 720x576 (PAL); 720x240 (NTSC) or 720x288 (PAL); 360x240(NTSC) or 360x288 (PAL)
- Variable recording speeds up to 60 IPS
- Hot Swap 3.5" IDE Hard disk drive with up to 300GB of Recording
- 10/100 Base-T Network interface capability
- Ethernet TCP/IP connectivity for remote viewing and controlling
- Programmed with various time-lapse speeds
- RS232 and RS485 for Remote Control
- Real-Time Live Display for all Cameras
- Data can be archived to either USB Driver or with Compact Flash card
- Auto Time Synchronization with NTP server
- Remote alarm/ event notification via E-mail

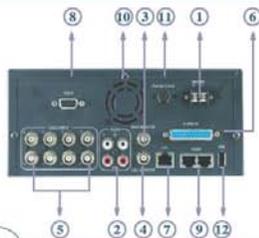
GENERAL FEATURES

- Real-time live display for all cameras
- Shuttle/Jog dial for picture-by-picture or fast/slow viewing
- No tapes to manage, clean or replace
- Instant retrieval of stored video
- On-screen setup menu and system timer
- Time lapse and real time recording
- Quick Search by date/time, alarm events, motion , and recording list
- Fast and slow playback of recorded video in various speeds
- Multi-level password protection
- Highly stable non-PC based proprietary system
- Alarm-activated recording
- Audio recording capabilities
- Power Source: DC12V/DC24V
- Easy-to-use control panel with common Multiplexer functions

Major Operating Controls

- | | |
|--------------------|---------------------|
| ① MAIN POWER PLUG | ⑦ LAN CONNECTOR |
| ② AUDIO IN AND OUT | ⑧ RS232 CONNECTOR |
| ③ MAIN MONITOR | ⑨ RS485 CONNECTOR |
| ④ CALL MONITOR | ⑩ FAN |
| ⑤ VIDEO IN AND OUT | ⑪ REMOTE CONTROLLER |
| ⑥ ALARM IN AND OUT | ⑫ USB |

EDR810H
Back View



Wide Variety of Applications for Security Surveillance



Building and Entrance



Store and Mall



Cash Vault Operation



Bank and Office

1001010101

▶ TIME LAPSE

Quality	Size (Mega Bits/Sec)	HD size 1G Byte			HD size 250G Byte (60FPS)			
		Hours	Minutes	Sec	Days	Minutes	Sec	Hours
6 (Highest)	4.1	0.5	32.8	1,970	5.7	8,210	492,611	136.8
5 (High)	3.5	0.6	37.6	2,255	6.5	9,395	563,698	156.6
4 (Standard)	3.0	0.7	43.9	2,635	7.6	10,979	658,762	183.0
3 (Basic)	2.5	0.9	52.8	3,170	9.2	13,207	792,393	220.1
2 (Low)	2.0	1.1	66.3	3,976	11.5	16,567	994,036	276.1
1 (Lowest)	1.5	1.5	88.9	5,333	15.4	22,222	1,333,333	370.4

- * The total HDDs' capacity are 250GB (The data is for reference based on mid-resolution cameras)
- * This table is a preliminary data, please contact your sales representative for further information

▶ ADVANTAGES

INSTANTLY RETRIEVE THE SCENES YOU WANT TO SEE

▶ MPEG4 Series DVR allows you to instantly access any video without fast-forwarding or re-winding tapes. Better still, you can use the built-in software to quickly search through stored images, instead of scanning hours and hours of tapes. In a network environment, you can easily transmit any digitally stored video to remote monitors or locations.

▶ DIRECT (TIME & DATE) SEARCH

SEARCH MENU		
METHOD:	BY TIME/DATE	
DATE:	2005-05-10 TUE	
TIME:	19:30:00	
EVENT:	ALARM	
DISK NO:	01	
NO	SIZE(GB)	START/END TIME
01tp	00189	2005-05-10 23:59:50
		2005-05-12 10:35:17
PRESS MENU TO EXIT		
PRESS SELECT TO START SEARCH		

▶ EVENT SEARCH: Quick search by 6 types of event

Search by EVENT	Description
ALARM	Search ALARM events
MOTION	Search MOTION events
VLOSS	Search video loss events
A / M	Search ALARM and MOTION events
A / V	Search Motion and video loss events
A / M / V	Search all events (ALARM, MOTION and video loss)

MULTIPLE MOTION DETECTION

▶ Everfocus DVR allows you to configure Multiple detection area masks; (up to 30x24 grid) and freely adjust the motion detection sensitivity of each camera to suit your needs.

- Multiple detection area and adjustable sensitivity level
- Multiple detection area masks.
- Adjustable motion detection sensitivity.



▲ Multiple Motion Detection Area

DATA CAN BE ARCHIVED TO USB DRIVER AND STORED IN 3.5" IDE TYPE HDDS

▶ EDR MPEG4 DVR series with USB and CompactFlash Card Slot makes it easier to archive the images to a PC. The units come with built in 3.5" IDE type HDDs for plenty of storage and hot-swappable tray.



▲ USB



▲ CF Card Slot and 3.5" IDE HDDs

FLEXIBLE RECORDING FRAME RATE

▶ Independent recording setting (recording mode/recording rate/ picture quality) for each camera enables flexible setup.
 Recording Resolution: 720x480/ 720x240 /360x240 pixel (NTSC)
 Recording rate: Set this IPS (Image per second) as needed ((120IPS(CIF), 60FPS(Half D1), 30FPS(Full D1) to 0IPS)
 Picture quality: Highest/High/Standard/ Basic/ Low/Lowest

Cache Images when Event Reording by " Weighed Recording"

▶ Weighed Recording

When multiple alarms are received, images from all alarmed cameras have been Weighed Recorded.



▶ Time-lapse images

This feature allows you to pre-set each camera to capture images at Normal Recording.



Specifications

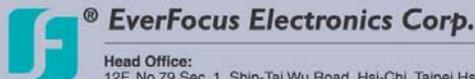
Model No:	EDR410H Compact Size 4CH Digital Video Recorder	EDR810H Compact Size 8CH Digital Video Recorder
		
Video Format	NTSC/EIA or PAL/CCIR	
Video Input	4/8 camera inputs (BNC), 1Vp-p/75ohm	
Video Output	1 BNC video out (1Vp-p/75ohm) for Main Monitor 1 BNC video out (1Vp-p/75ohm) for CALL Monitor 4 video out (1Vp-p/75ohm) for Looping (4 Channel only)	
Video Compression	MPEG4	
Recording Resolution	720x480 (NTSC) or 720x576 (PAL); 720x240 (NTSC) or 720x288 (PAL); 360x240(NTSC) or 360x288 (PAL)	
Video Display	Full, PIP, 4, 7, 8/9 and 2x2 Zoom for Live Viewing	
Display Resolution	720x480 (NTSC) or 720x576 (PAL)	
Video Pause	Yes	
Alarm Inputs	4/8 Alarm Inputs	
Alarm Outputs	2 Alarm Outputs	
Hard Disk Storage	One Hot-Swappable 3.5" IDE Hard Disk	
Recording Rate	Up to 60/50 Images per second for NTSC/PAL	
Recording Mode	Continue, Time-lapse, Schedule, Event recording (Motion, Video Loss, Alarm)	
Playback Rate	Up to 60/50 Images per second for NTSC/PAL	
Playback Search	By Date/Time or Event (Motion, Video Loss, Alarm) (Events log up to 10000)	
Motion Detection	Yes, with MULTIPLE configurable detection areas(30x24) & 6 levels of sensitivity	
Video Loss Detection	Yes	
Event Log	Yes	
User Interface	User-friendly Menu Driven	
Setup	On screen display setup	
User Input Device	Front panel keypad with Shutter/Jog, Keyboard(optional)	
Timer	Built-in real time clock and Auto Time Synchronization with global NTP server through Internet	
Watch Dog Timer	Yes	
Title	12-character title for each camera	
Ethernet	RJ45 connectors for network communication	
Archive	Compact Flash Slot and USB for archiving and Archive through Wireless transmission (Optional)	
RS-232	9-pin female connector for local communication	
RS-485	for Keyboard connection	
Audio	2 mono (MIC) input, 2 mono (SPEAKER) output	
Power Source	DC12V/DC24V	
Power Consumption	60W max;	
Dimension	(320.8mm(L) x 215mm(W) x 100mm(H))	
Weight	4.8 kg	
Operating Temperature	0 C° ~ + 50C°	
Remote Controller	Remote Controller with Extension Wire(optional)	

* Design and specifications are subject to change without prior notice

Ordering Information

EDR410H/N: MPEG4 4CH DVR (no wireless), NTSC
 EDR410H/P: MPEG4 4CH DVR (no wireless), PAL
 EDR810H/N: MPEG4 8CH DVR (no wireless), NTSC
 EDR810H/P: MPEG4 8CH DVR (no wireless), PAL
 EDR410H/NB: MPEG4 4CH DVR (with wireless), NTSC
 EDR410H/PB: MPEG4 4CH DVR (with wireless), PAL
 EDR810H/NB: MPEG4 8CH DVR (with wireless), NTSC
 EDR810H/PB: MPEG4 8CH DVR (with wireless), PAL

Distributed by



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