



ECOR DVR

Cost-effective and Powerful Feature Sets













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Features

- Pentaplex operation (live, record, playback, archive, remote viewing)
- MPEG4 compression technology
- Real-time recording and playback: up to 120/100 FPS (NTSC/PAL) for 4 channel, 240/200 FPS for 8 channel
- User friendly graphic user interface (GUI) with graphical icons and visual indicators
- Multiple control from USB mouse, front panel, EKB500 keypad or IR remote controller
- Gigabit Ethernet interface for high speed remote network viewing and controlling
- Free EverFocus DDNS service
- Archive to either USB drive or DVD burner*
- Simultaneous VGA and composite outputs
- Space saving with sleek and compact design
- Audio recording capabilities*
- Powerful motion detection capabilities for each camera
- Multi-language support
- Real time live display for all cameras
- Watchdog system health monitor
- Watermark capabilities for recorded video authentication
 - * Feature not available for all models

Available Models:

ECOR4D: 4 channel with DVD burner ECOR4: 4 channel without DVD burner ECOR8D: 8 channel with DVD burner ECOR8: 8 channel without DVD burner

Advantages

Intuitive Graphical User Interface

With user friendly Graphical User Interface (GUI), users can simply point and click on the command graphic icons and visual indicators for all DVR setup and configuration.



Multiple Control Inputs

The ECOR Series DVR comes with multiple control inputs. These inputs include mouse control, front panel control, IR remote control and EverFocus keyboard (EKB500) control. Mouse control is supported with the simple GUI, offering experienced PC users the similarity of interactive command of a computer-controlled device. All GUI functions can be operated via front panel, IR remote and keyboard as well.

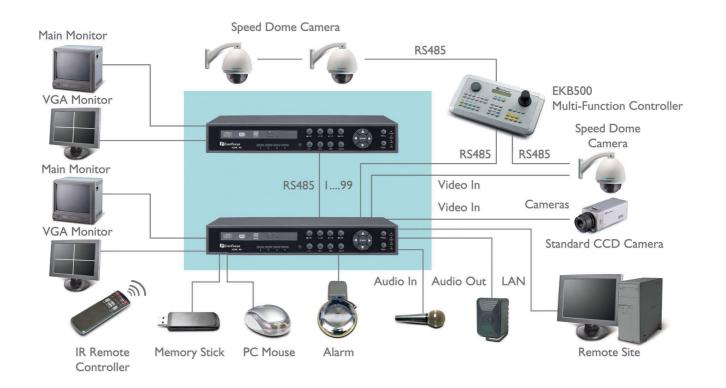
Pentaplex Control

ECOR series offer high speed signal processing for simultaneous live, recording, playback, archiving and remote viewing.

Major Operating Control



System Configuration





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Specifications

Video Format	PAL / NTSC (auto detected by system)
Operating System	Embedded Linux
Video Input	ECOR4: 4 x BNC ECOR8: 8 x BNC
Video Output	Main monitor: 1 Main monitor 1 x VGA (res. 800x600@60 Hz)
Video Compression	MPEG-4
Video Display	Full, PIP(Live only), 9 and 4, for Live and Playback (9 displays is only available for 8 CH model)
Recording Resolution	NTSC: 704 x 480, 704 x 240 or 352 x 240 PAL: 704 x 576, 704 x 288 or 352 x 288
Audio*	Input: 1 x Line In, 1 Vpp @ 20 KOhm (RCA) Output: 1 x Line out 1 Vpp @ 20 KOhm (RCA) (* audio models only)
Alarm Inputs	ECOR4: 4 N.O./N.C. configurable ECOR8: 8 N.O./N.C. configurable
Alarm Output	1 relay (N.C./COM/N.O.)
Hard Disk	1 x 3.5" SATA hard disk
Recording Rate	NTSC: 352x240: 240 FPS (CIF) 704x240: 120 FPS (2 CIF) 704x480: 60 FPS (4 CIF) PAL: 352x288: 200 FPS (CIF) 704x288: 100 FPS (2 CIF) 704x576: 50 FPS (4 CIF)
Recording Modes	Continuous recording, schedule or event recording
Playback Rate	NTSC: 352x240: 240 FPS (CIF) 704x240: 120 FPS (2 CIF) 704x480: 60 FPS (4 CIF) PAL: 352x288: 200 FPS (CIF) 704x288: 100 FPS (2 CIF) 704x576: 50 FPS (4 CIF)

Playback Search	Time/date, Event (alarm/motion), Event Motion
Function	(Smart Search)
Motion Detection	Adjustable per channel (22x15 sensor fields each with 10 levels of sensitivity)
Video Loss Detection	Yes
Event Log	10000
Event Alarm	For processing, fan failure, hard disk error, hard disk temperature
Setup	On screen menu with graphical user interface
Operation	Front panel, USB mouse (Logitech® or Microsoft® recommended), IR remote controller, RS-485 operation for EKB500
Real Time Clock	Internal. Time sync also available from NTP server over the Internet.
Watchdog Function	Yes
Network	RJ45 socket, 10/100/1000Mbs
System Warning	Ventilation, hard disk error, record function and network connection
File Export	USB Flash, internal DVD±RW burner (available with ECOR D models)
RS-232	9-pin D-Sub socket
RS-485	Terminal connector
Power Source	12VDC with external power supply 100 ~ 240 VAC
Power Consumption	60 W max.
Dimension	320 x 208.9 x 4.3 mm / 12.6" x 8.2" x 2.1" (W x D x H)
Weight	With DVD Burner: 1.9 kg / 4.2 lbs. (w/out HDD) Without DVD Burner: 1.65 kg / 3.6 lbs. (w/out HDD)
Operating Temp.	0°C ~ 40°C / 32°F ~ 104°F
Remote Control	IR remote control, optional: RS-485 keyboard EKB-500
DDNS	Free EverFocus DDNS Server



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