

ECO II Series H.264 DVR

The ECO II series DVRs are stand-alone H.264 DVRs which supports H.264 compression engine for higher video quality at a given bit-rate, lower storage requirements under a limited budget. The H.264 compression engine gives a flexible control for the efficient management of storage devices. The design elements such as glossy surface, compact size and fan-less chassis make the ECO II series an exquisite recording device for small installations or retail stores. Equipped with embedded Linux operating system, GUI, Triplex operation and NTP, the ECO II series integrates full functions into a compact system. In addition, the remote software offers the convenience of distant accessibility for remote system control.



Advanced Functions

- H.264 Compression
- Support Full HD 1080p Output **NEW**
- Quadplex Operation
- PTZ Dome Control
- Per Channel Configuration
- Supports NTP for time synchronization
- Supports Pre-Alarm Recording
- Motion Detection Marker
- Remote Monitoring
- User Management **NEW**
- Up to 2 Internal SATA HDDs
- 4/8/16 CH Audio Recording **NEW**
- Mobile View Software
- Dual Streaming
- Support VBR/CBR Recording Modes

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- GUI
- IR Remote Control *(Optional)*
- USB Mouse *(Optional)*
- Control Keyboard *(Optional)*

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Specifications

Model		L08D4-04	L08D4-08	L08D4-16
Video				
Operation System		Embedded (Linux)		
Display Resolution		Up to 1024 x 768 pixels		
Input		BNC × 4, 1.0 Vp-p, 75 ohm	BNC × 8, 1.0 Vp-p, 75 ohm	BNC × 16, 1.0 Vp-p, 75 ohm
Main Outputs	Digital Display Output; <i>optional</i>	1024 x 768, 1280 x 960, 1280 x 1024, 1920 x 1080 pixels		
	VGA	1024 x 768, 1280 x 960, 1280 x 1024, 1920 x 1080 pixels		
Call Monitor		BNC × 1, 1.0 Vp-p, 75 ohm		
Picture Refresh Rate		NTSC: 30 pps/per CH, PAL: 25 pps/per CH		
Audio				
Input		D-SUB × 4, Line-In	D-SUB × 8, Line-In	D-SUB × 16, Line-In
Output	Main Audio	RCA × 1, Line-Out		
	Call Audio	RCA × 1, Line-Out		
Compression Method		Proprietary		
Data Rate		8 KB/s, per CH		
Recording				
Compression Method		H.264		
Recording Mode		Schedule, Alarm, Motion Detection		
Pre-alarm		Yes		
Recording Resolution & Rate	NTSC	Max 60 pps	Max 60 pps	Max 120 pps
	720 × 480	Max 60 pps	Max 120 pps	Max 240 pps
	720 × 240	Max 120 pps	Max 240 pps	Max 480 pps
	360 × 240			
PAL	720 × 576	Max 50 pps	Max 50 pps	Max 100 pps
	720 × 288	Max 50 pps	Max 100 pps	Max 200 pps
	720 × 288	Max 100 pps	Max 200 pps	Max 400 pps
	360 × 288			
Recording Quality		8 Levels Presets, Adjustable		
Image Size		1 KB to 22 KB/Picture		
Storage Mode		Linear / Circular		
Data Lifetime		Yes, Programmable		
Storage				
Built-in Storage Interface		× 2 SATA for HDD and DVD+RW		
Cartridge / DVD+RW		Optional		
Export		× 2 USB 2.0 Ports, Support ThumbDrive and DVD+RW		
Alarm				
Alarm Input		× 4, D-SUB (TTL)	× 8, D-SUB (TTL)	× 16, D-SUB (TTL)
Alarm Relay Output		× 1 D-SUB, 1.0A / 30 VDC or 1.0A / 120 VAC		
Alarm Detection		N.C. / N.O., Programmable		
Motion Detection		15 × 15 Grid Array, Sensitivity, Trigger level adjustable		
Video Loss Detection		Programmable		
Communication				
Network Connectivity		RJ-45, 10/100/1000 Mbps Ethernet, Supports PPPoE/ DDNS/ DHCP		
Remote Control Software		DynaGuard™ CMS, DynaRemote™ □		
Remote Operation		Monitoring, Playback, Recording, System setup, Dome camera control, Archiving		
RS-485		D-SUB		
IR Remote		Yes		
Dome Camera Control Protocol		DSCP, Pelco P, Pelco D, AD422, Fastrax 2, Panasonic, JVC		
General				
Unit Dimension (W × H × D)		300 × 55 × 180 mm (11.8 × 2.2 × 7.1 inches)		
Unit Weight		1.5 Kg (3.4 lbs)		
Package Dimension (W × H × D)		393 × 139 × 358 mm (15.5 × 5.5 × 14.1 inches)		
Package Weight		2.5 Kg (5.6 lbs)		
Operation Temperature		0 °C ~ 40 °C (32 °F ~ 104 °F)		
Relative Humidity		10% ~ 90%, Non-condensing		
Power Consumption & Input		AC 100 ~ 240V, 50-60 Hz, 60W adaptor		

* Specifications are subject to change without notice

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