

# eco4 eco9 eco16



## LOW COST, LOW MAINTAINENCE DVRs



Models for basic video surveillance applications. Low cost entry level, digital solution for small business applications. The ECO line offers many features such as simultaneous record, playback and image archiving, and remote viewing and playback with no loss of performance. The ECO line is an installation and user friendly plug and play, auto camera detect and auto record on power-up DVR with easy to use programming and feature selection menus. Remote viewing is through a Web browser.

### ECO 4 Models Feature Summary

- ▶ 4-channel models with camera loop through
- ▶ Optional built in CD-R writer
- ▶ Storage HDD from 40 to 300 GB depending on model
- ▶ 2CIF recording resolution with 30 PPS total
- ▶ Remote Internet viewing and feature use via the integrated Network Viewer software
- ▶ Archive via optional internal CD-R
- ▶ Software upgrade capable remotely by computer

### ECO 9 and ECO 16 Models Feature Summary

- ▶ 9 and 16-channel models
- ▶ Built in CD-R writer
- ▶ Storage HDD from 160 up to 500GB depending on model
- ▶ 2CIF recording resolution with 60 PPS total
- ▶ Optional IR Remote Control
- ▶ Programmable locally or via internet
- ▶ NetVu Connected - Remote viewing and management via NetVu Observer
- ▶ Archive via internal CD-R
- ▶ Event Search – simple “Event” search button on Optional Remote Control
- ▶ E-mail setting capable – upon alarm or activity event
- ▶ Software upgrade capable via CD or remotely by computer

# FEATURES

# SPECIFICATION

		Eco Series	
		Eco 4	Eco 9 and Eco 16
	Operating System	Embedded	
	Dimensions	models with CD: (h) 3.5" x (w) 10.4" x (d) 11.3"; [89mm x 264mm x 286mm] models without CD (h) 2.6" x (w) 10.4" x (d) 11.3"; [66mm x 264mm x 286mm]	(h) 2.6" x (w) 17.3" x (d) 16.1"; [66mm x 440mm x 409mm]
Operating temperature range		41 F to 104 F ( 5 C to 40 C)	
Operating Humidity Range		5% - 85% non-condensing	
Weight		non-CD unit: 7.3 lbs. (3.3 kg); CD units: 8.8 lbs. (4 kg); external PSU-cord is 1.7 lbs.	13 lbs. (5.9 kg); external PSU-cord is 1.7 lbs.
Video	Video Inputs	4 looping, BNC	
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access	
	Maximum PPS, total (NTSC)	30 PPS	
	Live Video Resolution (Main Monitor)	720 X 448	
	Recording	2CIF (JPEG)	
	MultiMode (Recording Algorithms)	No	
	Trans-Coding	No	
	Camera Installation	Plug and Play	
	Snapshot/Video Clip	Yes	
	Video Outputs	Main and Spot	
Audio	Audio Input/Output	No	
	Audio Compressions	No	
Storage	Network Audio	No	
	Local Audio Playback	No	
	Internal Capacity	40 GB, 80GB, 160 GB	160 GB, 300 GB, or 500 GB (16 channel model only)
Managed Storage Capability		internal only	
Built-in CD-R		optional CD-R	CD-R
Export		optional CD-R	CD-R
Alarms	Alarms and Relays	5 normal open/closed; 4 relay outputs	10 (Eco 9) and 17 (Eco 16) normal open/closed; 4 relay outputs
	Relay Output options	Activity, Alarm or Camera fail	
	Alarm Function Support	Alarm log, event search	Alarm log, "smart search", event search
	Alarm Reporting	e-mail	
	Display Alarm on Monitor	Local - Spot only	Local - Spot only; or Network (via NetVu Observer - requires free software add-on)
Simple Activity Detection		Yes	
Networking	NetVu Connected	No	Yes
	Network Viewer	Yes	N/A
	NIC Interface	10 base T	10/100
	DHCP Capability	No	Yes
	File Export	Yes	Yes
	Remote PTZ Control	No	No
	Bandwidth Management	Yes	
	Remote Administration	Yes	
	Remote PC Client	Standard Ethernet using built-in Network Viewer software	NetVu Observer
	Remote Web Browser Client	Viewing	Viewing, Administration and Programming
Password Protected	Yes	Yes	
FTP Server Support		No	
Built-in Firewall		No	
POS/ATM Text support		No	
PTZ Control		No	
Software upgrade		Yes via Network using Network Viewer	Yes via CD
Keyboard		None	
Building Controls, Access Integration		No	
Other Features	Remote Control	No	Optional - IR remote ( optional IR-01 IR range extender module)
	IP Compatibility	No	
	Mounting	Desktop, Shelf	Desktop, Shelf
	Ports	Data - RJ45 10 Base T Ethernet; 1 Serial port - RS232	Jata - RJ45 10/100 Ethernet; 485 Bus; 1 Serial port - RS232
Warranty		2 Years	

PLEASE CHECK THE WEBSITE OR YOUR LOCAL REPRESENTATIVE FOR PRODUCT ORDERING INFORMATION AND OTHER DEVELOPMENTS



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