



# SIMPLE DIGITAL VIDEO RECORDING for the HOME ... and OFFICE



**MPEG-4**  
TECHNOLOGY

## Ness **ECO** DVR

SMALL-OFFICE HOME-OFFICE  
DIGITAL VIDEO RECORDING SYSTEM

NESS ECO DVR IS THE IDEAL 4 CHANNEL DVR FOR HOME AND OFFICE USE.

The 4 camera inputs can be recorded and displayed in single or quad modes and the monitor output can even connect directly to the AV input on a TV.

MPEG-4 compression technology maximises available hard drive space and the removable hard drive bay can take up to a 400GB hard drive for weeks of recording capacity.

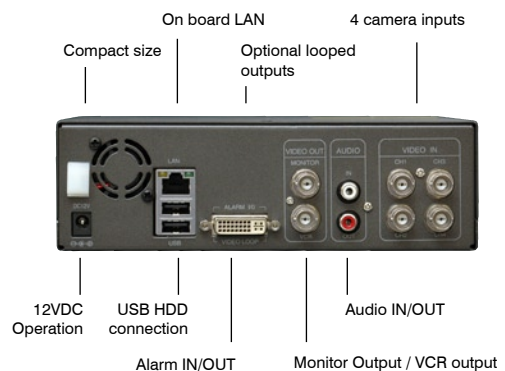
Ness ECO DVR is easy to use with clearly illuminated push buttons for common controls such as Play, Stop, Record, FF, RW, Quad mode, Single Mode.

High end features include single channel audio recording, real time display and video motion detection. An optional external hard drive reader is available for reviewing video on a PC.

ECO DVR is supplied with a mains power adapter but can also be powered by 12VDC for portable or mobile use.

### FEATURES

- MPEG-4 compression
- Display resolution up to 720x480 (640x272 recording)
- 100fps display speed
- 25fps global recording speed
- Real-Time live display for all cameras
- Swappable 3.5" IDE hard disk bay suits up to 400GB drives
- 10/100 Base-T network card onboard
- Remote Surveillance (built-in LAN card, internet ready via software supplied)
- Programmable time lapse speeds
- On Screen set-up menu with VCR Style controls
- Quick search by date / time / recording list
- Instant retrieval of stored video
- Playback video at selectable speeds
- Highly stable non-PC based proprietary system
- Alarm activated recording
- Highly compact small body
- 12VDC operation



**NESS**  
CCTV Products

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**V**alue

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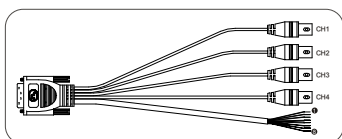
## REMOTE VIEWING

The Ness ECO DVR is ready for remote access with a high speed network interface on-board.

The supplied Remote Viewing software allows remote access via LAN or internet or even direct connect by crossover cable. View live video and even record to the local computer.

## HARD DRIVE READER

The optional Hard Drive Reader allows you to take the hard drive off-site and browse or extract recorded footage on any compatible Windows™ PC. This is ideal for ECO DVRs which are not connected to a LAN or when you need to take footage off-site for security purposes.



## INPUTS / OUTPUTS

Video and Alarm output break-out module supplied. Provides a looping video output for each input, four alarm inputs and one relay output.

SUPPLIED BY:

SPECIFICATIONS	100-499 ECO DVR
OPERATING SYSTEM	Embedded RTOS
VIDEO INPUT TYPE	PAL & NTSC
VIDEO INPUTS	4 camera inputs BNC 1V p-p 75 Ohm
VIDEO OUTPUT	1 x BNC video output 1V p-p 75 Ohm for Main monitor 1 x BNC video output 1V p-p 75 Ohm for VCR
LOOPED VIDEO OUTPUTS	Plug-in video break-out module supplied
VIDEO FORMAT	MPEG-4
DISPLAY FRAME RATE	100fps (4 x 25fps)
RECORDING FRAME RATE	Quad 25fps, Each 6.25fps (25fps / 4)
VIDEO COMPRESSION	SELECTABLE IMAGE QUALITY Low 12k Bytes / Frame Normal 15k Bytes / Frame High 20k Bytes / Frame
VIDEO RESOLUTION	DISPLAY 720 x 480 RECORDING 640 x 224
VIDEO DISPLAY FORMAT	Full screen, Quad
HDD STORAGE	1 x 3.5" IDE Hot Swap hard drive bay. Hard Drive sizes up to 400GB compatible.
AUDIO	1ch audio input/output for real time audio recording and playback
RECORDING MODES	Continuous, Motion, Programmed
VIDEO MOTION DETECTION	4ch (5 x 6 Quad) Motion Detection + Buzzer
VIDEO SEARCH MODES	Time / Date / Event List
ALARM INPUT/OUTPUT	4 Alarm Inputs / 1 Alarm Output + Buzzer
VIDEO LOSS DETECTION	Buzzer
AUTO CHANNEL SWITCHING	Yes
PICTURE ADJUSTMENTS	Brightness / Contrast / Colour
NETWORKING	10/100 Ethernet port onboard for internet access Remote access software supplied Or direct connect via cross-over LAN cable
VIDEO ARCHIVING	Via LAN with Viewer Software supplied
USB PORT	For archiving to external USB Hard Drive / software upgrades
POWER REQUIREMENTS	240VAC to 12VDC power supply supplied
POWER CONSUMPTION	15W + hard drive
DIMENSIONS	195mm (W) x 65mm (H) x 265mm (D)
WEIGHT	2.9kg



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**V**alue

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[www.ness.com.au](http://www.ness.com.au)

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