

NESS DVRS

OFFERING MORE QUALITY & MORE CHOICE



EDSR100
EDSR100H



EDR400
EDSR400H
EDSR400M



EDSR600



EDSR900



EDSR1600



EDSR600

6 CAMERA INPUTS, DUAL HARD DRIVE CAPABILITY WITH SIMPLICITY OF USE
"THE BEST CHOICE FOR PERFORMANCE, PRICE & PRACTICALITY"

NESS EDSR600 DIGITAL VIDEO RECORDER

The Ness EDSR600 digital video recorder is the practical choice of multi-channel video recorders.

Providing a video solution that is easy to install and operates just like a VCR for fast and efficient recording and playback.

HIGH RESOLUTION

The EDSR600 can record 6 channels of video at a genuine 50 fps, (globally), with real time display for each camera. The latest

generation software compression algorithms provides the best possible resolution with sharpness and clarity usually found on DVDs.

PRACTICAL

The EDSR600 is suited to a variety of applications including retail shop surveillance, banks and cash vaults, industrial monitoring, staff safety and anywhere you need to record multiple cameras 24 hours a day and playback recorded footage any time you need it.

DUAL REMOVABLE DRIVES

Two built-in hot swappable hard drive bays provide ample storage space for recording and archiving. One hard drive can continue recording while the other is removed for swap over.

INTERNET READY

Built-in network card and Internet-ready software means the EDSR600 can be remotely controlled and viewed using the Ness PowerCon, EDRManager Server or Client Software.



Optional IR remote control



Built-in Compact Flash card reader/writer



Built-in dual hot swappable hard drive bays

NESS CCTV - FOR CONSISTENT COMMITMENT TO VALUE
DON'T FORGET... SEEING IS BELIEVING!

NESS
CCTV Products

Consistent™
Commitment
to
Value

EDSR600

High Capacity – High Resolution 6 Channel DVR



SPECIFICATIONS	PART NO. 100-489
Video format	PAL
Video input	6 camera inputs BNC 1V p-p with loop-through
Display format	Full screen, 4, 6, PIP and 2x zoom, for live and playback
Video outputs	1 x Main monitor BNC video output (1V p-p, 75ohm) 1 x Main monitor S-video output 1 x Call monitor BNC video output (1V p-p, 75ohm) 6 x Video out for camera looping (1V p-p, 75ohm)
Video compression	M-JPEG
Display resolution	720 x 576 pixels
HDD storage	2 x hot swap 3.5" IDE hard disk bays
Archive	CompactFlash slot
Recording modes	Continuous, Time Lapse recording, Event recording, Schedule
Recording/playback rate	50 fps
Playback search	By Date, Time, Event, Segment
Picture zoom function	Digital zoom for Live & Playback
Video Loss detection	Yes
Motion detection	Configurable detection area and sensitivity
Title	12 character title generator for each camera input
User interface	Front panel buttons, on screen display setup
Audio	2 x mono MIC inputs, 2 x mono SPK outputs
Alarm input / output	6 alarm inputs / 1 alarm output
Network Interface Card	10BaseT Ethernet 10Mbps/s, RJ45 connector
Remote access	• LAN and Internet via web browser with Java support
Max. remote users	• Maximum 4 users logged in
Transfer rate	• 1-5 fps transfer rate (depending on network conditions)
Transfer image format	• JPEG compression
Serial ports	RS-232 for local communications, RS485 for remote control
Power / Consumption	240V AC / 100W max.
Dimensions	430(W) x 320(D) x 95(H) mm (19" rack mount 1U)
Weight	4.85kg
Operating temperature	0° to +50°C

ADVANTAGES

Duplex Operation

Duplex operation means the EDSR600 can record and playback at the same time. Recording is not interrupted while reviewing footage.

Familiar Front panel

The EDSR600 has familiar and easy to use VCR style controls and user-friendly step by step on screen menus to simplify operation and minimise user training.

Jog/Shuttle Control

The Jog/Shuttle dial gives precise playback control over Forward, Rewind, Pause, Search and menu functions.

Huge Storage

Twin hard drive bays provide ample storage capacity for recording and archiving. One hard drive can continue recording while the other is removed for swap over.

The EDSR600 provides the facility for copying single frames and video to a Compact Flash card, (not supplied), for transferring to computer or other media.

FEATURES

- **Tapeless** Video Recording
- **High Resolution** (720 x 576 pixels)
- **M-JPEG** compression/decompression with configurable quality
- **Duplex operation** for simultaneous recording and playback
- **Real time** display of live cameras
- **Easy to use** Control panel with common VCR style controls
- **Jog/Shuttle Dial** for picture-by-picture or fast-slow playback
- **Easy retrieval** of stored images using CompactFlash or by LAN
- **CompactFlash** slot for retrieving still images
- **Dual Hot Swap** Hard Drive Bays for long recording times
- **Remote Surveillance** built-in LAN card
- **Internet ready** via Web browser
- **Remote connect** via LAN/WAN/ADSL using the Ness EDRmanager or Ness Powercon3™ Software. (Requires broadband Internet connection).
- **Pre-Alarm and Post-Alarm** recording to avoid missing events
- **Time Lapse** modes adjustable
- **RS232 and RS485** ports for remote control
- **Alarm activated** recording option
- **Audio recording** capability, 2 mono inputs and outputs
- **Motion detection** with individual config per camera

GLOBAL CAPTURE RATE (fps)	RECORDING TIME (hours) BASED ON 2 x 120GB HARD DRIVE					
	LOWER Frame size 15KB	LOW 19KB	BASIC 23KB	STANDARD 27KB	HIGH 31KB	SUPERIOR 35KB
50	93hrs	73hrs	60hrs	51hrs	45hrs	39hrs
25	186	147	122	104	90	80
10	466	368	304	259	226	200
5	932	736	608	518	451	399
2	2,330	1,840	1,520	1,295	1,128	999
1	4,660	3,679	3,039	2,589	2,255	1,997
0.5	9,321	7,358	6,079	5,178	4,510	3,995
0.4	11,651	9,198	7,598	6,473	5,638	4,993
0.2	23,302	18,396	15,197	12,945	11,275	9,986
0.1	46,603	36,792	30,394	25,891	22,550	19,973

These times are approximate and are based on a typical example using 2 x 120GB hard drives in Constant Recording mode. Motion Detection mode will significantly increase capacity.

The capacity of the hard drive/s is not affected by the number of cameras. The frame rate recorded per camera reduces proportionally by the number of cameras being recorded whilst the overall hard drive capacity remains the same.

The EDSR600 unit, hard drives, cameras, monitors and accessories are sold separately.



EDSR600 drives are fully compatible with the optional 100-480 Ness Hard Drive Review Station. Review your EDSR600 hard drives from any standard PC.

www.ness.com.au

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