

Ness 400 series DVRs

COMPACT, HIGH QUALITY DIGITAL VIDEO RECORDING!



NESS EDR400

The Ness EDR400 combines the power of triplex multiplexing and digital video recording in one compact economical product.

The EDR400 has the multi-tasking ability to view live, record and playback all simultaneously without impacting on overall performance.

The EDR series digital video recorders provide excellent picture quality with all the benefits of 'tapeless' image storage.

The EDR400 has built-in networking and Internet capabilities for full featured remote viewing and monitoring functions.

PROFESSIONAL 4 CHANNEL DVR WITH A POWERFUL INTERNET INTERFACE

TAPELESS VIDEO RECORDING MPEG OR JPEG (352X288 PIXELS), **TRIPLEX OPERATION** 25 FPS GLOBAL (SIMULTANEOUS RECORDING/VIEWING/PLAYBACK), SUPPORTS NESS' **OPTIONAL CDRW BURNER**, REMOTE SURVEILLANCE (BUILT-IN LAN CARD, **INTERNET READY** VIA WEB BROWSER, **REMOTE CONNECT** VIA LAN/WAN/ASDL/PSTN. TOTAL CONTROL OF MULTIPLE SITES USING THE **NESS EDR MANAGER** OR OVER SINGLE SITES USING NESS' **POWERCON3™** SOFTWARE.

100-498 EDR400 Digital Video Recorder* excluding hard drive. OPTIONAL HARD DRIVES (inc Type1 hot swap shell) 100-483 80GB, 100-484 120GB, 165-268 Hot swap shell only (Type1)
OPTIONAL ACCESSORIES: 100-305 Ricoh external CD-RW burner.



NESS EDSR400H

The Ness EDSR400H digital video recorder offers extra high resolution at 50 frames/sec in a very compact housing.

The EDSR400H incorporates all the benefits of tapeless digital video recording, is simple to install and operates just like a VCR making it the perfect choice for multi-channel video recording where high quality and ease of use is a primary requirement.

Easy to use control panel with common VCR and multiplexer functions and Jog/Shuttle dial for picture-by-picture or fast/slow viewing using the on-screen setup menu and system timer.

Networking and Internet capabilities are included as standard.

An optional infrared remote control is also available.

PRACTICAL 4 CHANNEL DVR FOR EVERYDAY APPLICATIONS

TAPELESS VIDEO RECORDING MJPEG (720X576 PIXELS), SIMPLEX OPERATION **50FPS GLOBAL** (DUPLEX VIA EDR MANAGER OR POWERCON3 SOFTWARE), **REMOTE SURVEILLANCE** (BUILT-IN LAN CARD, **INTERNET READY** VIA WEB BROWSER, **REMOTE CONNECT** VIA LAN/WAN/ASDL. TOTAL CONTROL OVER MULTIPLE SITES USING THE **NESS EDR MANAGER** OR OVER SINGLE SITES USING NESS' **POWERCON3™** SOFTWARE.

100-495 EDSR400H Digital Video Recorder* excluding hard drive. OPTIONAL HARD DRIVES (inc Type3 hot swap shell), 100-720 80GB, 100-721 120GB, 100-722 250GB, 165-311 Hot swap shell only (Type3). OPTIONAL ACCESSORIES: 100-396 Infrared Remote Control, 100-347 64MB Compact Flash memory card.



- + VIDEO MOTION DETECTION + TRIPLEX RECORDING
- + INTERNET READY + SUITABLE FOR MOBILE USE



Extra High RESOLUTION

- + VIDEO MOTION DETECTION + COMPACT FLASH SLOT
- + VCR STYLE CONTROLS + INTERNET READY

SPECIFICATIONS	EDR400	EDSR400H
VIDEO INPUT TYPE	PAL & NTSC	PAL & NTSC
VIDEO COMPRESSION / FORMAT	JPEG & MPEG1, Proprietary Encrypted, Watermarked, Time stamped	M-JPEG, Proprietary Encrypted, Watermarked, Time stamped
OPERATING SYSTEM	Linux embedded	Proprietary embedded
IMAGE CAPTURE SIZE	352 x 288 pixels	720 x 576 pixels
VIDEO DISPLAY FORMAT	1, 4, to 16 screen window matrix and Camera switching program on Main VGA GUI view	1, 4 / Quad, PIP, 2x2 Zoom, on Main Monitor view
VIDEO INPUT	4 x BNC Analogue Video Inputs	4 x BNC Analogue Video Inputs
LOOPED VIDEO OUTPUTS	No	YES
IMPEDANCE LEVEL CONTROL	Yes, per channel, 4 dip switch 75ohm to HIGH	Yes, per channel, Automatic Impedance sensing
VIDEO OUTPUT	1 x VGA Monitor Output	Composite Video outputs, 1 x Main Monitor, 1 x Spot Monitor
TIMER	Real-Time Clock	Real-Time Clock
WATCH DOG TIMER	YES	YES
AUTO RECOVERY / AUTO REBOOT	Automatic Power Up Reboot to Record Mode, (typically within 60 seconds)	Automatic Power Up Reboot to Previous mode, (Record, Standby, or Trigger) Mode, (typically within 60 seconds)
HDD STORAGE	1 x 3.5" half height IDE, Hot Swap hard drive bay. All Hard Drive Sizes, 40Gb, to 250Gb compatible.	1 x 3.5" half height IDE, Hot Swap hard drive bay. All Hard Drive Sizes, 40Gb, to 250Gb compatible.
RECORDING MODES	Continuous, Day Timer, Alarm Input trigger, Motion detection	Continuous, Day Timer, Alarm Input trigger, Motion detection
RECORD / PLAYBACK OPERATION TYPE	TRIPLEX / Record / Playback / Live Camera View	Simplex / Duplex via Ethernet Search / Playback / Record
VIDEO COMPRESSION QUALITY LEVELS	9 levels compression / 4KB to 32KB Global	5 levels compression / 15KB to 35KB Global
RECORDING/PLAYBACK RATE	25fps Global	50fps Global
VIDEO MOTION DETECTION	Programmable Grid, Sensitivity, Multi-Grid Time zones Per camera	Programmable Grid, Sensitivity Per camera
ALARM INPUT	4 x Alarm Inputs N/O, N/C programmable	4 Alarm Inputs N/O, N/C programmable
ALARM OUTPUT	4 x Open Collector switching outputs	1 x Alarm Switching Output
ARCHIVE OUTPUTS / DEVICES	USB ports to CDRW, ZIP Drive, PowerCon Software via Ethernet Port, PowerCon Manager via External Hard Drive Player	1 x Compact Flash Slot, 1 x Main Monitor output to VCR, PowerCon Software via Ethernet Port, EDSR Player Kit and PC Software via External Hard Drive Player
EMAIL NETWORK ALARM NOTIFICATION	YES / Via Ness EDRManager	NO
REMOTE VIEWING ACCESS	Ethernet Card included LAN, WAN, ADSL, External Modem, PowerCon3 Software via all above	Ethernet Card included LAN, WAN, ADSL. PowerCon3 Software via Ethernet Port
MODEM VIA PHONE LINE CONNECTION	YES (External Modem not included)	NO
LAN, WAN, DIRECT CONNECT	YES / Ethernet card / port included	YES / Ethernet card / port included
ADSL, BROADBAND CONNECTION*	YES / via 10/100 Mbps Ethernet port	YES / via 10 Mbps Ethernet port
POWER SOURCE	240V AC Desktop Power Supply 24VDC @ 60W, supplied	240V AC Desktop Power Supply 24VDC @ 60W, supplied
POWER CONSUMPTION	24V DC / 1.1Amp continuous with Hard Drive operating	24V DC / 1.1Amp Continuous with Hard Drive operating
COLD-START-UP POWER CONSUMPTION	24VDC @ 1.3Amp Start Up Hard Drive engaged	24VDC @ 1.3Amp Start Up Hard Drive engaged
DIMENSIONS	88(h) x 290(w) x 178(d) mm	100(h) x 215(w) x 320(d) mm
WEIGHT	Unit 2.7Kgs / 5kgs packed in carton excluding Hard Drive	Unit 3 Kgs / 6Kgs packed in carton excluding Hard Drive
OPERATING TEMPERATURE	0° C to 50° C	0° C to 50° C

* The EDR400 & EDSR400H can be used with broadband equipment and connection supplied by an Internet Service Provider.

www.ness.com.au

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NESS
CCTV Products

Consistent™
Commitment
to
Value

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