

Ness Ultimate Series DVRs



Features

Advanced Functions

- Triplex+ Operation: Live, Record, Playback, Network
- Up to 100pps Recording Rate
- Supports up to 500GB internal storage
- Main Monitor + Call Monitor Output (VGA+Composite+Svideo)
- Per Channel Configuration
- Digital Zoom 2x2
- Multiple built-in dome camera control protocols
- Pre-Alarm Recording
- Built-in web viewing capability for remote monitoring
- Remote monitoring supports MS Windows Vista® and IE7

Human Interface Choices

- ezBurn™ for quick video export
- ezRecord™ for quick recording setting
- ezDDNS™ for automatic DDNS configuration
- Exports AVI files for Microsoft® Media Player
- Compact Control Keyboard (Optional)

Modular Upgrade Kits (Optional)

- POS Module for transaction monitoring

Ultimate 4ch Mobile DVR

The 104-274 Ness Ultimate 4Ch Mobile DVR is a compact, half-rack size, and versatile MPEG-4 DVR.

Designed especially mobile applications and for small to medium-sized installations such as retail stores, petrol stations, households, convenience stores, or ATMs.

In keeping with the heritage of the Ness Ultimate Series DVR family, the 104-274 shares all of the powerful features of the Ultimate series, including Modular Upgrade Kits, Humane Technology, Per Channel Configuration, dome control protocols, Pre-Alarm Recording and Remote Viewing software as standard.

The Ultimate 4 Channel Mobile DVR offers all the advanced features of the Ultimate series along with mobility and compact size.

- Designed For vehicle Installation
- 4 Video Channels
- 2 Audio Channels
- Removable hard drive
- Compatible with up to 500GB HDDs
- Front mounted USB port
- 12VDC operation
- Includes Shock Proof mounting kit for vehicles

NESS
CCTV Products

Consistent™
Commitment
To
Value

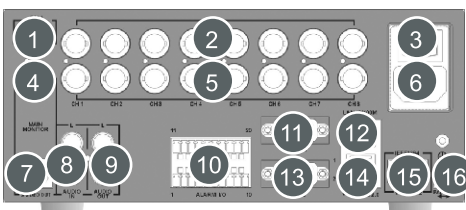
Ultimate 4ch Mobile DVR

Front Panel



- 1 Removable HDD
- 2 USB 2.0 Port
- 3 Channel Keys
- 4 Function Keys
- 5 Direction Keys
- 6 LED

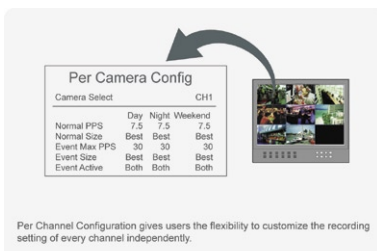
Rear Panel



- 1 Call Monitor Output
- 2 Video Input
- 3 Power Switch
- 4 Main Monitor Output (BNC)
- 5 Camera Looping
- 6 Power Jack
- 7 Main Monitor Output (S-Video)
- 8 Audio Input
- 9 Audio Output
- 10 Alarm I/O & RS485
- 11 VGA Port
- 12 LAN Port (RJ45)
- 13 RS-232C
- 14 USB Ports
- 15 IEEE-1394 (FireWire®) Ports
- 16 NTSC/PAL Switch



Triplex Operation



Advanced Recording Capability

SPECIFICATIONS

104-274

Video		
Operating System	Embedded (Linux)	
Video Standard	NTSC/PAL switch selectable	
Video Operation	Triplex+ (Live, Record, Playback , Remote, and Internet access)	
Resolution – Live Video	720 x 576 pixels	
Input	BNC x 4, 1.0Vp-p/75 ohm	
	Main Monitor	BNC x 1, S-Video x 1, 1.0Vp-p/75 ohm
	Call monitor	BNC x 1, 1.0Vp-p/75 ohm
	Loop	BNC x 4, 1.0Vp-p/75 ohm
	VGA Output	800 x 600, 1024 x 768, 1280 x 1024 pixels @ 60Hz
VGA Output	800 x 600, 1024 x 768, 1280 x 1024 @ 60Hz	
Picture Refresh Rate	Real Time Display	
Display Mode	1, 4, 9	
Digital Zoom	2 x 2	
Camera Installation	Plug & Play	
Audio		
Input	RCA x 2, Line-In	
Output	RCA x 2, Line-Out	
Recording Mode	Always Real Time Recording, Synchronized with Video	
Compression Method	ADPCM, G.726	
File Size	4KB/Sec per channel	
Operation	Remote + VCR mode	
Playback	At original video speed	
Recording		
Compression Method	MPEG-4 Advanced / Simple / Profile	
Recording Mode	Schedule, Alarm, Motion Detection	
Pre-Alarm	Up to 30 sec (Normal Quality)	
Resolution & Rate	720x576:25pps 720x288:50pps, 360x288:100 pps	
Recording Quality	8 levels presets, adjustable	
Image Size	2K to 20K Byte/picture	
Storage Mode	Linear / Circular	
Playback		
Playback modes	Play, Stop, Pause, Rewind, Forward, Search	
Playback Speed Adjustment	Yes 1X, 2X...32X	
Retrieve	Date/Time, Event	
Data Life Time	Yes (Programmable)	
Storage		
Removable HDD	1 x Removable HDD	
HDD size	500GB max.	
Alarm		
Alarm Input	X4, terminal block	
Alarm Detection	N.C./N.O., Programmable	
Audible Alert	Built-in Buzzer	
Motion Detection	21 X 16 Grid Array, Sensitivity, Trig Level Adjustable	
Video Loss Detection	Programmable	
Alarm Relay Output	X2, Terminal Block, 1.0A/24V (Programmable)	
Communication		
Network Connectivity	Ethernet RJ-45 connector, 10/100Mbps, supports DHCP /	
Remote Control Software	Web interface included	
Access Control	2 Level Password	
Remote Operation	Monitoring, Playback, Recording, System Setup, Dome Camera	
RS232C	D-sub 9 pin female	
RS485	Terminal Block interface for DVR Controller, PTZ Controller	
Dome Control Protocol	DynaColor, Pelco P, Pelco D, AD422, Fastrax 2	
General		
Dimensions (W x H x D)	210 x 95 x 380mm	
Weight	6.2kg	
Operating temperature	0°C ~ +40°C	
Humidity	5% ~ 85% non-condensing	
Operating voltage / Consumption	12~30VDC / 4A	

SYDNEY 02 8825 9222
sales@ness.com.au

MELBOURNE 03 9875 6400
nessmelb@ness.com.au

BRISBANE 07 3399 4910
nessbris@ness.com.au

PERTH 08 9328 2511
nessper@ness.com.au

ADELAIDE 08 8152 0000
adelaide@ness.com.au

NFS (NZ) 09 580 1576
sales@nfs.co.nz



Consistent™
Omnipresent
Trustworthy
Value

CCTV Products

www.ness.com.au