



High Definition CCTV Solutions

PREMIUM
PRODUCT

104-453 Compact Real Time DVR 4ch

104-441B Premium DVR 8ch
104-442B Premium DVR 16ch



Ness Premium Series HD-SDI DVRs

High Definition 1080p video over existing coax cable

Introducing the Ness premium series HD-SDI DVRs - featuring 4, 8 or 16 channels of Full HD (max. 1080p) inputs over coax. Combined with Ness HD-SDI cameras, the Ness Premium Series brings superb high definition surveillance and recording into the mainstream. Supports up to 3TB HDD.¹

DVR Features

- H.264 Compression
- HD-SDI Video Input (1080p, 1080i or 720p)
- HD Realtime on live view
- Real Time Recording²
- HDMI & VGA Output Full HD (Max. 1920 x 1080)
- High Picture Quality
- Mobile Viewer via iPad / iPhone / Android / Blackberry
- Dual Streaming optimises network transfer speed
- POS text insertion (Patent Pending) : Displaying & Recording Transaction Data from POS
- User Friendly GUI : Flexible, Easy and Convenient
- Advanced CMS Software : Convenient and Versatile remote viewing & management Software
- S.M.A.R.T Self Monitoring Analysis and Reporting Technology

Web Client Features

- Multi Channel Display
- PTZ Control
- Live Monitoring
- Freeze Function
- Channel and Camera Number Display

CMS PRO Features

CMS PRO is an Advanced Enterprise class Central Monitoring System supplied with Ness Premium series DVRs.

- Up to 512 channel display on dual monitor display
- Supports customised Multi Grouping by DVRs & Cameras
- Smart Search - Find footage by motion by a hot-zone in a specified channel
- Thumbnail search / Panorama Search or Time/date Search
- Instant recording & playback
- Multi Level & Hierarchical E-map for intuitive use
- Full Function log windows for remote System Log, System Log & Event Log
- Event pop-up for alarms, motion, emergency

CMS PRO is available for Windows, Linux or Mac.

Part No:

104-453 NESS Premium HD-SDI Real Time Compact DVR 4ch
104-441B NESS Premium HD-SDI DVR 8ch
104-442B NESS Premium HD-SDI DVR 16ch

¹ Hard drive/s sold separately

² 4ch model only, 15fps other models



Mobile Viewer for most portable devices



Specifications

	104-453 4 Channel	104-441B 8 Channel	104-442B 16 Channel
VIDEO / AUDIO			
COMPRESSION	H.264 (Main Profile)		
SIGNAL FORMAT	HD-SDI (1080p, 1080i or 720p, Auto Detection)		
RECORDING RATE	Max. 25 FPS @ 1080p	Max. 15 FPS @ 1080p per channel	
	100fps global	120fps global	240fps global
VIDEO INPUT	4 HD-SDI Inputs (1080p, 1080i or 720p)	8 HD-SDI Inputs (1080p, 1080i or 720p)	16 HD-SDI Inputs (1080p, 1080i or 720p)
VIDEO OUTPUT	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)		
AUDIO INPUT / OUTPUT	2 Inputs / 1 Output (RCA)	8 / 8 Inputs / 1 Output (RCA)	
I/O			
ETHERNET	10 / 100 / 1000 Mbps Ethernet (RJ-45)		
PTZ CONTROL	RS-485/422 Terminal Block		
TEXT INSERTION (POS)	4		
ALARM INPUT / OUTPUT	2 / 1 (TTL) Programmable NC/NO	8 (TTL) Programmable NC/NO	16 (TTL) Programmable NC/NO
USB PORT	3 Ports (1 Front , 2 Rear)	4 Ports (2 Front, 2 Rear)	
CONTROL DEVICE	Keypad, Mouse, Keyboard Controller, Remote Controller		
RECORDING			
RECORDING QUALITY	Super / High / Standard		
RECORDING MODE	Continuous / Alarm / Motion / Emergency		
PRE-ALARM RECORDING	Up to 3 Hours / User Programmable		
MOTION DETECTION	Yes (22 x 15)		
PLAYBACK SPEED	x1, x2, x4, x8, x16, x32, x64, Extreme		
MOBILE COMMUNICATION	iPad / iPhone / Android / Blackberry		
STORAGE			
STORAGE (Hard drives not included)	SATA HDD, max. 1	SATA HDD, max. 4. Or 3 x HDD + 1 x DVD-RW	
CLIP COPY STORAGE	Memory Stick	Memory Stick + Optional Internal DVD-RW	
GENERAL			
OPERATING SYSTEM	Embedded Linux		
DIMENSIONS (WXHXD)	290 x 50 x 274 mm	430 x 88 x 430mm	
OPERATING TEMPERATURE / HUMIDITY	5°C~40°C / 0% ~ 90%		
POWER REQUIREMENT / CONSUMPTION	12VDC, 5A / Max. 21W	100 to 240 VAC / Max. 80W	100 to 240 VAC / Max. 95W

RECOMMENDED PRODUCTS

							
104-443 Ness HD-SDI Box Camera	104-444 Ness HD-SDI Tube Camera	104-445 Ness HD-SDI Dome Camera	104-454 NESS HD-SDI Anti-Vandal IR Mini Ball Camera	104-455 NESS HD-SDI IR Varifocal Ball Camera	104-451 Ness HD-SDI internal Dome Camera	104-446 Ness HD-SDI PTZ Dome Camera	K-4014 HD-SDI Signal Converter & Repeater (HD-SDI to HDMI) Inc: 104-476 HD-SDI Converter, POW310 12V power supply

Ness HD-SDI cameras are a "plug and go" connection to Ness HD-SDI DVRs.



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