



104-005 Hybrid DVR

Hybrid and Real Time Standalone DVR



Ness 104-005 breaks the frame of the market by supporting 16CH D1 real-time recording 480fps and IP camera TV output function. With high quality video stream and newly-added monitor function, its design is based on market's major requirements, as well as to be entirely future-proof security system.

▶ Key Features

- Support 16CH D1 real-time recording
- Support MegaPixel, IP & Analog PTZ/cameras
- IP & Analog TV outputs
- MPEG4 H/W compression
- Easy-to-use Touchpad
- Multifunctional front panel and LCD display
- Jog shuttle for easy playback
- Dual monitor & hybrid Spot monitor outputs
- Multiple and configurable channels displayed on CCTV monitor
- POS integration and advanced POSViewer
- Detect human face in live video and trigger instant playback from object index
- Easily backup with built-in DVD-RW
- Support backup to NAS / RAID
- Support up to 132 sensors in/relays out
- Remote Software Integration: CM3000, Remote Console, WebViewer, JavaViewer, PDAViewer, HandyViewer, and SmartViewer (for Symbian / Windows Smart phone)
- Maximum recording frame rate(NTSC/PAL):CIF:480 / 400 fps, VGA: 480 / 400 fps, D1: 480/400 fps
- Support System Controller (Joystick Keyboard)



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Application Diagram



Product Features

Item	104-005
Operating system	Embedded OS
Video Format	H / W MPEG4
Video input	16
Video loop output	16
Display rate (NTSC / PAL)	480 / 400 fps
Recording frame rate (CIF)	480 / 400 fps
Recording frame rate (VGA)	480 / 400 fps
Recording frame rate (D1)	480 / 400 fps
Audio input	16
Sensor/Relay	4 / 4 (expandable)
DVD-RW	8X DVD-RW / CD-RW
Removable HDD tray	1 HDD tray (support up to 4HDD inside)
DOM	2 GB
H/W accessory	Remote controller
Ethernet	RJ-45, 10 / 100 / 1000 Mbps
USB 2.0	Front 2 ports, Rear 4 ports
LCD Display	Temperature / System status / HDD left size / Alarm status
Operation via front panel	PTZ control / channel select / split select / playback control / mode select
Dimensions (W x H x D)	431 x 110 x 373 mm
Power	270 Watt
Dual monitor / Spot monitor output	Yes



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