

HR-NR5400-C2 Series

MatriVideo Network Video Recorders (NVRs)

A cost effective and compact solution for multi-site retail locations

Features

- ◆ Synchronized audio/video recording and playback
- ◆ Stable and secure application on Linux OS
- ◆ Support various video compression formats of IP cameras (H.264, MPEG-4, and MJPEG)
- ◆ Support various image resolution from CIF/ D1 to 8 Megapixels
- ◆ Support high-resolution of Megapixel IP camera from 1.3MB to 8MB
- ◆ Remote viewing, access, and control via TCP/IP (LAN/WAN/ Internet)
- ◆ Storage capacity of up to 2 removable HDD bays
- ◆ VGA output supports local display to save space and resources
- ◆ Automatic time synchronization between all units in MatriVideo™ (NTP protocol)
- ◆ Variant recording modes - continuous, motion detected, alarm, Intelligent Video detected, scheduled, manual and SDK API
- ◆ SDK API ready for integration with POS, Access Control and Building Automation systems
- ◆ Pre-alarm and post-alarm video recording
- ◆ Quadruple operations for camera live viewing, recording, playback and remote streaming
- ◆ Alarm history and user activity log for six months
- ◆ Comprehensive graphical illustration for quick search of recorded video
- ◆ Playback by date, time, camera and alarm instance
- ◆ Dual watchdog for guaranteed high availability

The MatriVideo™ C2 NVR Series was designed for the distinctive needs of distributed enterprise installations with centralized management. Each NVR can support from 4 to 9 IP camera channels and its compact size is ideal for installations with limited space availability. Multiple MatriVideo™ C2 NVRs can be connected via a network to allow both on-site and off-site management. The C2 has a VGA output to support a local display monitor to show live video in camera patterns and tours eliminating the need for a client computer and saving further space and resources. With their cost effective pricing, C2s can affordably be installed across multiple locations making it the ideal NVR for today's distributed retail business model.

The MatriVideo™ C2 NVR supports various IP video compression formats (H.264, MPEG-4, and MJPEG) from different manufacturers. The IP cameras can be set up anywhere on the network without the need for cumbersome cabling. The end result is an innovative IP-based security system that has never been easier to use or more cost effective to purchase.

Instek Digital's embedded Linux OS provides a stable and secure system platform. The embedded Linux OS increases the overall system availability by reducing downtime caused by power supply and hard drive failures. The open-system architecture allows MatriVideo™ to self-integrate with various third party solutions, such as digital cameras, POS, access control, fire alarm, and burglar alarm systems. Additionally, with the intelligent and comprehensive video search functionality, users can always retrieve their desired video feeds instantly.

The C2 NVR is equipped with a unique web user interface which can be used to view live and playback video, NVR status as well as NVR setup for camera tours and camera recognition from an online connection. Take advantage of the IP architecture to view your security anytime from anywhere.

MatriVideo™ C2 NVRs provide scalability from small site installations to enterprise level installations, from distributed installations to centralized management, with very low bandwidth requirements. The HR-NR5400-C2 Series is the perfect solution for multi-site restaurants, convenience stores, gasoline stations, and any other multi-site management location.



* Monitor and NVR not to scale.

	HR-NR5404-C2	HR-NR5409-C2
Function	NVR	
Operating System	Embedded Linux	
Video Standard	NTSC / PAL	
Image Control	Contrast, Brightness, Saturation, Hue	
Dual Watchdog	Yes	
Video Input	4 Channels	9 Channels
Audio Input	4 Channels	9 Channels
Supported Resolution	All resolutions supported	
Supported Format	H.264 / MPEG4 / MJPEG	
Max. Frame Rate**	30 fps (NTSC) / 25 fps (PAL)	
Recording Modes	Continuous, Scheduled, Motion Detected, Intelligent Video Detected, Event Triggered, Manual, API	
Pre/Post Alarm Recording	1 ~ 60 seconds	
Internal Storage	Up to 2 Swappable HDDs	
External Storage	Archive Server	
Searching Method	Date / Time / Camera / Alarm List	
Monitoring Environment	MatriVideo Command Center, MatriVideo Command Center Lite, MatriVideo nCCTV	
Speaker Out	1	
Serial Port	1 x RS-232	
Keyboard/ Mouse	PS/2 Style	
Ethernet	1 x RJ-45, 10/100/1000Mbps	
USB	2 x USB 2.0 / USB 1.1 Ports	
VGA Output	15 Pin Female DSUB	
I/O Controls	Maximum 64 Inputs / 32 Outputs using Remote I/O Modules (Optional)	
Optional Remote I/O Module	ID-IO2000-1600 (16 DI), ID-IO2000-0008 (8 DO), ID-IO2000-0808 (8 DI / 8DO) C232-485i (RS232/485 converter)	
Hardware Accessories	1 x Power Cable	
Video Servers, IP Cameras	ACTi, Arecont Vision, AXIS, CNB Technology, D-Link, Messoa, Hunt, Hikvision, Instek Digital, Panasonic, PELCO, SANYO, SONY, Vivotek	
ACS	Cardax, Heart, Infogenesis	
Electric Power Source	AC 100 ~ 240V	
Power Output	60 W	
Operating Temperature	0 ~ 40°C	
Humidity	Maximum 65%, non-condensing	
Dimension (cm)	24 (L) x 13.1 (W) x 12.6 (H) (without box)	
Weight	3.0 kg without HDD (without box)	

* The actual video display performance may vary according to type of camera(s) and lighting condition.

** Product specification and availability are subject to change without notice.

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