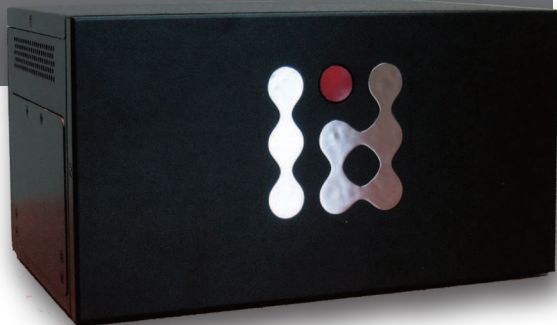


a high performance enterprise-class network based solution for distributed architecture

#### 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 MP
- 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 trays
- 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 system availability



Contact:  
[sales@instekdigital.com](mailto:sales@instekdigital.com)

The MatriVideo™ C2 NVR Series was designed for the distinctive needs of distributed enterprise installations with centralized management. Each NVR can support from 4, 9 and 16 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, the 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 opensystem 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.



#### MATRIVIDEO

A complete system to provide high resolution, long term digital video storage and IP based CCTV solution on a scalable and reliable platform MatriVideo™ is a complete solution for digital video surveillance. It is a platform that incorporates the legacy analog CCTV system and new IP-based digital surveillance system with a hybrid configuration, distributed enterprise architecture and centralized management.

MatriVideo™ is an open platform that adopts the latest IT technology yet provides easy installation and configuration for security professionals. It is designed with flexibility and scalability for enterprise video management. MatriVideo™ answers the need for larger storage capacity, networkable components, smarter image searching and playback, high image resolution and easier camera relocation. It provides a total solution that meets the emerging and diverse demands of the security industry.

## Specifications

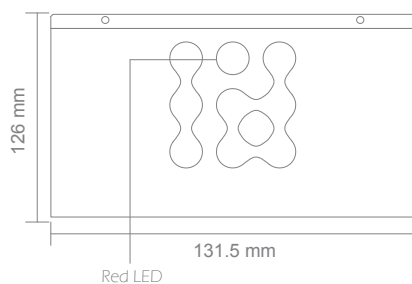
Model	HR-NR35404-C2 / HR-NR5409-C2 / HR-NR5416-C2
Function	Network video recorder
Operating system	Embedded Linux
Image control	Contrast / Brightness / Saturation / Hue
Dual watchdog	Yes
Video input	4 / 9 / 16 channels
Audio input	4 / 9 / 16 channels
Supported resolution	All resolutions supported
Supported format	MJPEG / MPEG4 / H.264
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 HDDs
Internal RAID5 and RAID6	-
External storage	Archive Server / IP SAN
Searching method	Date / Time / Camera / Alarm list
Monitoring environment	MatriVideo™ Command Center, MatriVideo™ Command Center Lite, MatriVideo™ nCCTV
Speaker out	-
Audio line in	-
Serial port	1 x RS-232
Keyboard / mouse	PS/2 and USB
Ethernet	1 x RJ-45, 10/100/1000Mbps
USB	2 x USB2.0
VGA output	15 pin female D-SUB
I/O controls	Max. 128Inputs / 64 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 and IP-cameras	ACTi, Apro, Arecont Vision, Arlotto, AXIS, Basler, Brickcom, CNB Technology, Hikvision, Hi-Sharp, Hitron, Hunt, Instek Digital, ITX, IQinVision, MatriCam, Messoa, Mobotix, Pixord, Pelco, Probe, Samsung, SANYO, SONY, Vivotek
ACS	Cardax, CEM, Tyco
Electric power source	AC 100 ~ 240V
Dual power supplies	Optional
Power output	60W
Operating temperature	0 ~ 40°C
Humidity	Max. 65%, non-condensing
Dimension (mm)	237(L) x 145(W) x 126(H) mm (w/o box)
Weight (kg)	3.0 Kg (w/o box)

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

b) Product specifications and availability are subject to change without notice.

c) MatriVideo is a registered trademark of Instek Digital Co., Ltd. All other trademarks are property of their respective owners.

### Front View



### Rear View

