InscapeData

THE LEADING OUTDOOR NETWORK APPLIANCE COMPANY
Total Turnkey Solutions for Outdoor PoE, Wired/Wireless, and IP Video Applications

Key Features & Benefits

Real Time MPEG-4 Video and ADPCM Audio Decoding
High Performance Analog Video Output Up to 30 Frames Per Second and 500 TV Lines of High Quality Video. NTSC and PAL Supported

Robust Video Polling Technology of Up to 32 IP Cameras
Reliable and Robust IP Camera Polling and Sequencing Algorithm Ensures Streaming Video and Audio Reliability. Independent Wait Time Configurable Per IP Camera Channel.

Alarm Trigger Video Priority
When An Alarm is Triggered From A Programmed IP Video Camera, Analog Video Output Jumps to the Triggered IP Video Camera

On Screen Display
Embedded Software User Selectable Options to Stamp Name of NVS470, IP Video Devices, Date, and Time Information Right Into the Streaming Video

Standalone High Efficiency Video Decoder
The NVS470 Operates Independently of a PC While Decoding Up to 32 IP Cameras

Installer Friendly Small Form Factor
Measuring Approximately 5"x5"x1, the NVS470 Has the Flexibility to be Installed into Many Scenarios

Software Management Tool
The Secure And Easy to Use PC Based Software Management Tool Allows Configuration of Multiple NVS470s onto the Same Local Area Network

AirGoggle™ NVS470
Professional IP Video Decoder

The NVS470 IP video surveillance camera decoder decodes high quality MPEG-4 video and ADPCM audio stream from Inscape Data AirGoggle IP video surveillance cameras and servers. This allows analog devices such as video matrix switches, LCD monitors, or a DVR to be connected to Inscape Data IP video surveillance products. The NVS470 breaks the remote monitoring barrier of analog video systems by extending IP video protocol to analog systems. Once hard to wire video monitoring or surveillance applications are now possible by integrating Inscape Data IP cameras into analog video networks.

The standalone hardware architecture of the NVS470 allows displaying of live video on monitors in locations where a PC is not required. Since IP video signals are routable across the internet, this opens up the possibility of remote or centralized video monitoring once not possible with analog video systems.

When using the NVS470 with an AirEther™ outdoor digital IP camera wireless transmission system, AirGoggle™ IP video surveillance cameras installed across a building, spread throughout a parking lot, or along property perimeters can now be monitored by analog CCTV systems. Wireless video surveillance is cost effective and many times, the only option.

Applications

AIRPORTS
Regardless if it is inside or outside of an airport, Inscape Data offers total wired or wireless IP based video security solutions that will save on your installation cost and make your monitoring more efficient

METROPOLITAN STREETS
Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make the streets and metropolitan safer
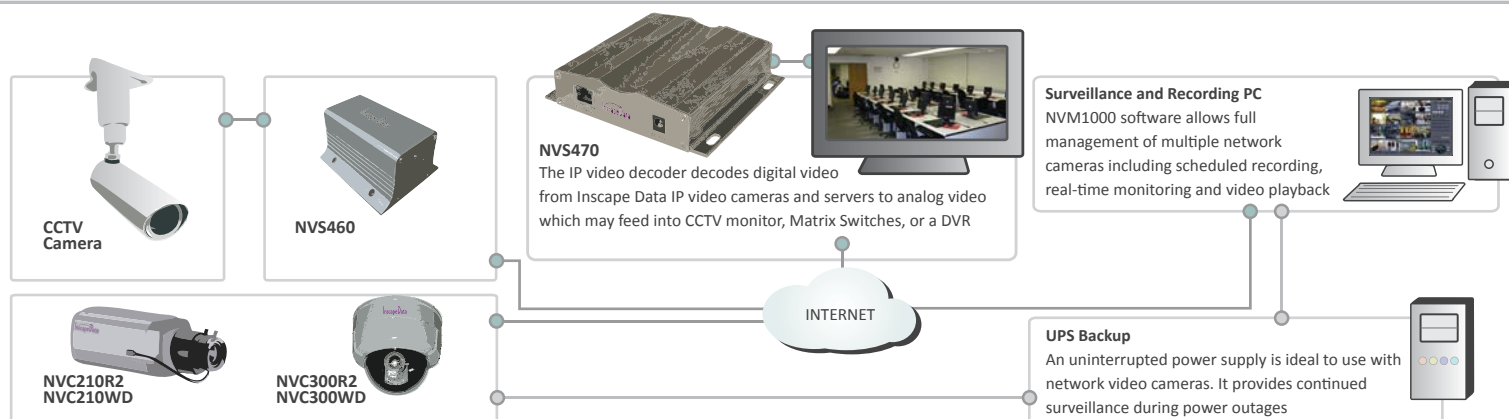
BUILDINGS
Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make your buildings more secure
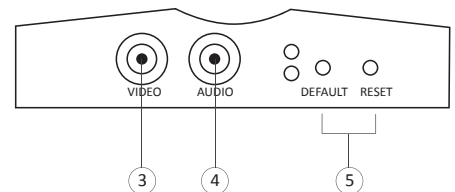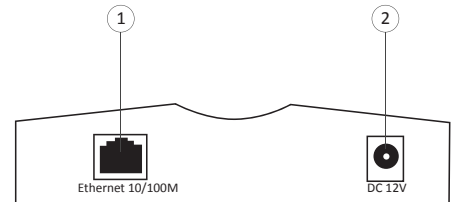
SCHOOL CAMPUS
Regardless if it is inside classrooms or on a campus, Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make monitoring easier

System Configurations

CCTV Camera

NVS460

NVS470
The IP video decoder decodes digital video from Inscape Data IP video cameras and servers to analog video which may feed into CCTV monitor, Matrix Switches, or a DVR

Surveillance and Recording PC
NVM1000 software allows full management of multiple network cameras including scheduled recording, real-time monitoring and video playback

NVC210R2 NVC210WD

NVC300R2 NVC300WD

INTERNET

UPS Backup
An uninterrupted power supply is ideal to use with network video cameras. It provides continued surveillance during power outages

NVS470

Video		
Input		Any Inscape Data IP Camera or IP Video Server
Output	Analog	PAL / NTSC
	Resolution	> 500TVL, Subject to IP Video Source
Decoding	Compression	MPEG-4
	Frame Rates (NTSC/PAL)	Up to 30/25, Subject to IP Video Source
	Bit Rates	Up to 3000kbps
Sequencing	Maximum IP Video Polling Video	32 Targets
	Type of Sequencing	Manual, Automatic, Alarm Trigger
	Time Interval	10s to 1800s
	Reconnection	Auto
OSD		Decoder Name, Framce Rate, Date, Time, Camera Name
Audio		
Decoding		G. 729 Stereo
Network		
Protocols		TCP/IP, RTSP, UDP, IGMP, SMTP, FTP, DHCP, ARP, DNS
Security		Software User Authentication
Data Transmission		Unicast
Interface		
Network		10 BaseT / 100 BaseTx (RJ45)
Serial		None
I/O Port(s)		None
Audio Line Output		1 x BNC 0.886Vp-p
Composite Video Out		1 x BNC (1Vp-p), 75 Ohm
Power Connector TYpe		Barrel, Center Pin Positive
Hardware Reset		Reset and Factory Default Button
System Requirements		
Operating System		Microsoft Windows 2000/XP/2003
Processor / Memory		CPU: Intel Pentium IV / 512MB
Browser		Microsoft Internet Explorer V5.0 or higher
Management		
HTTP		None
Software		IP Video Management (Windows)
Environmental		
Construction		Standalone Aluminim Casing with 4 Integrator Friendly Surface or Shelf Mount Holes
Dimension (W x H x D)		132 x 130 x 30 mm (5.2" x 5.1" x 1.2")
Weight		300g (0.7lbs)
Storage Temperature		-20ºC ~ -70ºC (-4ºF ~ 158ºF)
Operating Temperature		0ºC ~ 50ºC (32ºF ~ 122ºF)
Operating Humidity		0 ~ 80% RH Non-Condensing
Outdoor Usage		Recommend Optional Outdoor Enclosure
Power		
Power Consumption		24W
Power Supply (Local)		7VDC ~ 23VDC (12VDC Recommended)
Compliance		

FC CE **RoHS**

Dimensions
a. 132mm
b. 130mm
c. 30mm

Interfaces
1. RJ45 Network Port
2. DC Power Plug
3. Video Output Port
4. Audio Output Port
5. Hardware Reset and Factory Default Button

Compatibility

NVC210R2/210WD, NVC300R2/300WD, NVC360, NVC800, NVC910, NVC1000 Series, NVC3000 Series, NVS460, NVS480, NVS480R

Package Contents

1. Video Decoder
2. Switching Power Supply
3. Product CDROM

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Product Information Online: www.inscapedata.com/nvs470.htm

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