



AirGoggle™ NVS470H H.264 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.

KEY FEATURES & BENEFITS

H.264 & MJPEG Dual Codec Operation

State of the art H.264 digital video encoding allows for the highest quality D1 video at the lowest bandwidth possible. Motion JPEG (MJPEG) digital still video encoding allows for high quality recording and playback.

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

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



BUILDINGS

Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make your buildings more secure



METROPOLITAN STREETS

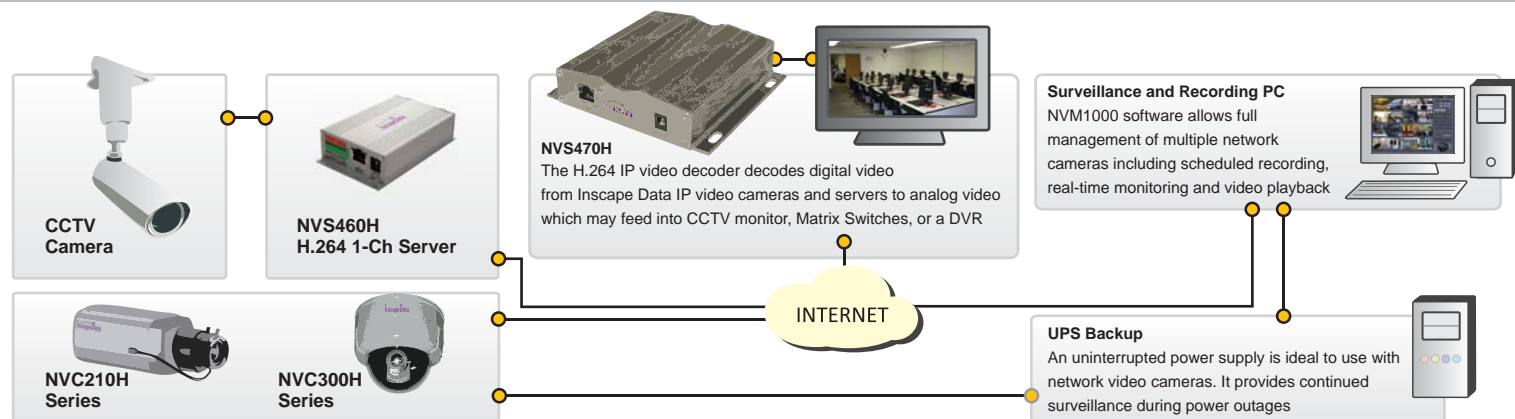
Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make the streets and metropolitan safer




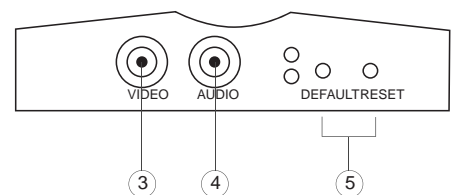
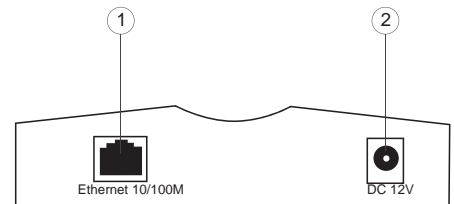
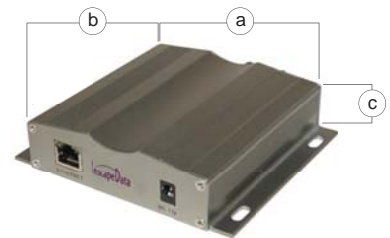
SCHOOL CAMPUS

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



NVS470H		
Video	Video Input	Up to 32 IP Video Channels with Programmable Dwell Time Per Channel
	Video Output	1 Channel CVBS
	180 Degree Video Rotation	ENABLE/DISABLE
	Privacy Masking	Yes
	OSD Time Display	ON / OFF 4 Position
Image (NTSC/PAL)	Compression Format	Dual Codec H.264 & MJPEG Up to 30/25 fps
	Resolution	NTSC: D1(720x480), Half D1(720x240), CIF (352x240), QCIF (176 x 144) PAL: D1(720x576), Half D1(720x288), CIF(352x288), QCIF(176x144)
	Maximum Frame Rate	IP Camera or Encoder Dependent
	Video Encoding Rates	IP Camera or Encoder Dependent
Audio	Audio Compression	Upstream: 32kbps G.726 ADPCM Line-In & Mic-In ENABLE/DISABLE
		Downstream: 128kbps 16-bit Linear PCM - Lin-Out
Network	Protocols	HTTP, HTTPS, Upnp, SOCKS, TCP/IP v4/v6, RTSP, RTP, SDP, UDP, IGMP, ICMP, ICMP v6, SMTP, FTP, DHCP, ARP, RARP, DNS, NTP, PPPoE
	Security	Multi-User Viewing Authentication, IP Address filtering, HTTPS Encryption, Digest Authentication, User Access Log
	Data Transmission	Unicast
Interface	Network	10 BaseT / 100BaseTx
	Serial	1 x 2-pin RS-485 multiprotocol support for P/T/Z (Pelco D driver loaded)
	I/O Port(s)	1 x 2-pin sensor input, 1 2-pin relay output
	Audio Line Output	1 x 2-pin 0.886Vp-p
	Audio Line Input	1 x 2-pin 1.6Vp-p
	Video Out	1 x CVBS
	Power Connector Type	2.5mm Barrel, Center Pin Positive Input & Output
	Hardware Reset	Reset Button
System Requirements	Operating System	Microsoft Windows 2000 / XP / 2003 / Vista / Windows 7
	Processor / Memory	CPU: Intel Duo Core / 1GB
	Network Video Recorder Software - 16 Ch.	CPU: Intel Core i3 / 2GB / 256MB Dedicated Video Memory
	Browser	Microsoft Internet Explorer Ver 7.0 or higher
Management	HTTP	Yes
	Software	Yes
Environmental	Construction	Body(Aluminum)
	Dimension(W x H x D) w/o Lens	66 x 113 x 28 mm (3" x 4" x 1" Inches)
	Weight	195 g (0.42 lbs)
	Storage Temperature	-20°C~70°C (-4°F ~158°F)
	Operating Temperature	0°C~50°C (32°F ~113°F)
Power	Operating Humidity	8~80% RH Non-Condensing
	Power Consumption	4.5W
	Power Supply (Local)	12VDC / 2.5 A
Compliance		



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

NVC210H Series, NVC300H Series, NVC360H Series, NVC800H Series, NVC910H Series, NVC1000H Series, NVC3000H Series, NVS460H, NVS480, NVS480R



PACKAGE CONTENTS

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



THE LEADING
OUTDOOR NETWORK
APPLIANCE COMPANY

Total Turnkey Solutions for Outdoor PoE, Wired/Wireless, and IP Video Applications

Product Information Online: <http://www.inscapedata.com/nvs470.htm>

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