

AirGoggle™ NVC910 Professional Network Color Day/Night Mini Speed Dome Camera



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The AirGoggle NVC 910 Professional Network PTZ Mini Dome Day/Night Camera is an all-in-one, high-performance speed dome camera. This low-cost color camera operates effectively both in day and night lighting. It offers full D1 720x480 pixels video resolution and efficient network real-time streaming via MPEG-4 and JPEG video technology. Built-in synchronized audio is software selectable. The embedded web server allows camera access across the network using a standard web browser. An event-driven recording option via video motion detection or single external sensor inputs allows pre-alarm video images sent via e-mail or FTP. The camera capably pans, tilts, and zooms to one of 165 preset locations. The NVC 910 mini speed dome video cameras is the industry's most silent and reliable pan-tilt-zoom camera. The NVC 910 boasts a 10X optical zoom. The true day and night ICR removable filter is standard with the NVC910 series camera. The rugged mechanical design and IP66 weatherproofing, along with host of convenient features, make the high-performance AirGoggle NVC910 mini speed dome camera ideal for low-cost professional security surveillance applications.

Key Features

High quality real-time monitoring via digital network

Stream full motion D1 live color video images across a local or wide area network. Network connected computers can access the p/t/z function, monitor, record, and playback security video with ease

Vandal Proof and IP66

Weather Resistant
High impact vandal proof poly carbonate clear dome cover and reinforced aluminum chassis with heater and blower to ensure reliable and durability in the harshest indoor or outdoor operating environment



High speed operation

200 degrees per second endless panning and 165 degrees per second tilting ensure fast transition to any of the 165 preset locations

Synchronized Audio/Video and two-way audio communication

Audio line in and line out interface(s) with software selectable audio feature provides synchronized audio surveillance and announcement capabilities from the monitoring station.



Event driven real-time notification

The integrated sensor input, alarm output, and video motion detection provides actionable event trigger functionality able to send a video clip via email or FTP and turn on/off external relays

Embedded Streaming Web Server

The suite of functions from the embedded streaming web server make accessing real-time video easy from any Internet Explorer enabled computer

Intelligent full featured Pan Tilt Zoom and programming

Pan and tilt speeds are automatically adjusted based on zoom level during manual control to provide 0.024 degrees precision. Auto scan, 8 group tours, 165 preset positions, 8 programmable patterns and sectors, 4 privacy masking zones, and multiple I/O ports allows precise customized pan tilt zoom automation. Each preset locations can be individually programmed with the dwell time and pan/tilt speed

Filter changeable true Day and Night operation for low light application
IR cut filter (ICR)removable day night operation with digital shutter speed (DSS) deliver optimal day time color video and super low light night time surveillance with a single camera



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 your installation cost and make your monitoring more efficient



Metropolitan Street

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



Buildings

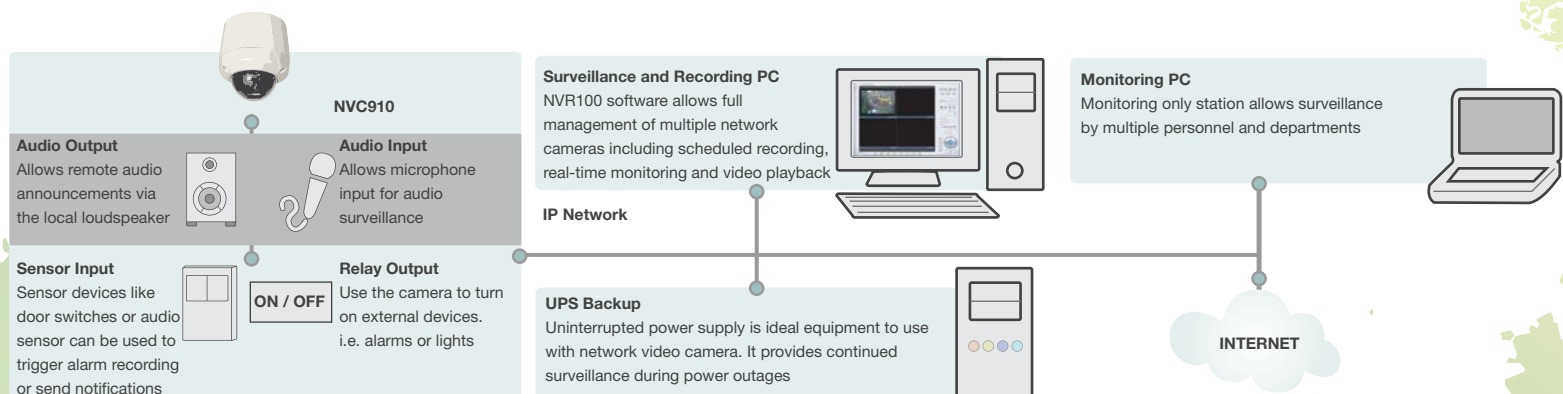
Inscape Data's wired and wireless IP based video security solutions will save your installation cost and make your building more secure



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 your installation cost and make your monitoring easier

System Configurations

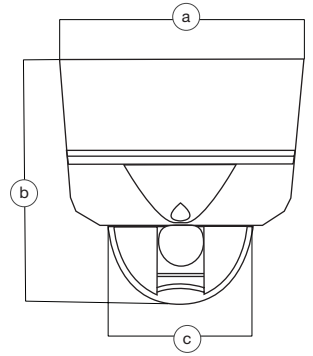


NVC910

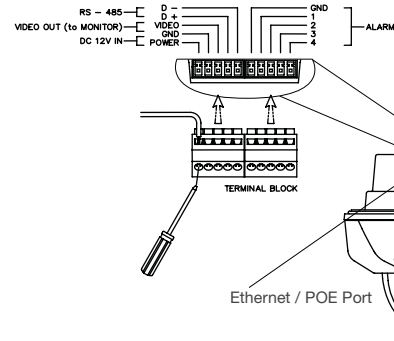
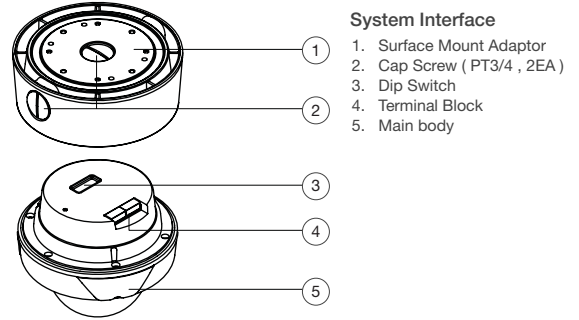
Camera	Image Sensor	1/4" Sony super HAD CCD	
	Total Image	NTSC 811(H) * 508(V) 410K	
	Pixels	PAL 795(H) * 596(V) 470K	
	Number Of	NTSC 768(H) * 494(V) 380K	
	Effective Pixels	PAL 752(H) * 582(V) 440K	
	Horizontal resolution	500 TV lines	
	Lens	Optical 10x Optical Zoom (F=1.4~3.0, f=3.8~38mm)	
		Digital 10x (100x Total)	
	Day & Night (ICR) modes	Auto/ Day/ Night	
	Min. Shooting Distance	0.35m(Wide)/0.8m(Tele)	
Digital Slow Shutter	ON/ OFF		
Min. illumination	Normal mode 0.7Lux/F2.8 (50IRE)		
Luminance S/N Ratio	Night (B/W) mode 0.02Lux/F2.8 (50IRE)		
BLC	More than 50dB		
Flickerless	NTSC ON / OFF (1/100)		
	PAL ON / OFF (1/120)		
White balance	AWB/ATW/INDOOR/ OUTDOOR		
P/T/Z	Pan Rotation Angle	360° Endless	
	Pan Speed	Manual Max 150°/sec Preset Max 200°/sec	
	Tilt Rotation Angle	0° ~ 90°	
	Tilt Speed	Manual Max 150°/sec Preset Max 200°/sec	
	System Accuracy	0.024° / 1/8 microsteps resolution	
	Presets	165 positions, individually configurable for dwell and speed	
	Group Tour	Max. 8 Programmable group tours - up to 60 preset points each	
	Auto scan	Programmable Auto scan	
	Pattern	8 Programmable Patterns (total 480 seconds)	
	Privacy Zone	24 privacy zones	
Image (NTSC/PAL)	Sector	8 selectable Sectors with 16 characters	
	Password Protection	Yes	
	Alarm Input	2 alarm OFF/NC/NO (with various programmable states)	
	Alarm Actions	Activate preset, Group scanning or output per alarm input	
	Aux Output	1 Relay Output	
	Auto Flip	ON / OFF	
	OSD Menu	Multiple Languages on screen	
	Audio	Audio Compression	Bi-Directional using PCM Synchronized ADPCM Enable/Disable (32kbps)
		Compression Format	MPEG-4 Up to 30/25 fps at 4CIF (704x480) resolution
		Resolution	D1(720x480), CIF (352x240), QCIF (176 x 144) Max 720 x 480 (NTSC) 768x575 (PAL)
Maximum Frame Rate	Up to 30/25 at all resolutions (Available: 1, 4, 8, 15, 20, 30)		
Network	Protocols	HTTP, TCP/IP, RTSP, UDP, IGMP, SMTP, FTP, DHCP, ARP, DNS, NTP, PPPoE	
	Other network settings	Clone MAC address, HTTP/RTSP Port change	
	Maximum Clients Supported	40	
	Security	Multiple user access levels with password protection & IP Address filtering	
	Alarm and Event Management	Video motion detection & external alarm inputs may trigger the following: ptz functions, image upload via Email or FTP, notification via email and/or alarm outputs. Instant access to live streaming video & full p/t/z functionality via Internet Explorer	
Interface	Embedded Web Server	Supported via free service at mgmt.airgoggle.com	
	Dynamic DNS		
System Requirements	Environmental	Construction	Body(Aluminum), Anti-Vandal Dome (Poly Carbonate)
		Dimensions	4.7"(D) x 12.1"(H) x 7.5"(Bubble) / 120mm(D) x 307mm(H) x 190mm(Bubble)
		Weight	2.2kg (4.85 lbs)
		Storage Temperature	40°C ~ 65° (-22° ~149°)
		Operating Temperature	-40°C ~ +65° (-22° ~149°)
Power	System Requirements	Operating System	Microsoft Windows 2000 / XP
		Processor	CPU: Intel Pentium IV or equivalent
		Memory	RAM: 512MB or more
		Browser	Microsoft Internet Explorer Ver 5.0 or higher
		Power Consumption	10W Max
Power Supply Needed	12 ~ 23VDC 60/50Hz 800mA		

Dimensions

- a. 167 mm
- b. 157 mm
- c. 100 mm



System Interface



Video Accessories

Camera Mounts



- | | | |
|---|--|-------------------------------------|
| Model SDPM001 | SDGM001 | SDWM001 |
| Type Indoor/Outdoor Pipe mount bracket | Indoor/Outdoor Gooseneck mount bracket | Indoor / Outdoor Wall Mount Bracket |

Camera Adaptors



- | | |
|---|----------------------------|
| Model SDCA001 | SDPA001 |
| Type Indoor/Outdoor Corner mount adaptor | Outdoor Pole mount Adaptor |

Package Contents

1. NVC910 10x PTZ Speed Dome Camera (Ceiling Mount)
2. CD-ROM with Installation Software and User Manu
3. Installation Screws x5
4. Viewer / Recorder Software
5. I/O Terminal Block (5 Pin 2EA)
6. Power Supply

To get more information on this product please visit www.inscapedata.com/nvc910.htm

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