



AirGoggle™ NVC300H Series

H.264 IP Mini Dome Video Camera

AirGoggle NVC300H Series H.264 IP Mini Dome Day/Night Video Camera uses a dual codec supporting H.264 & Motion JPEG digital video compression standards. The high quality lens uses DC-iris control for improving the depth of field and protecting the sensor at intensely illuminated scenes.

Another powerful features include optional flash memory for local storage and multiple simultaneous video streams of differentiated resolutions and frame rates, and these two powerful features will secure video storage if the network becomes unavailable and ensure the highest video quality service while enabling simultaneous connections through lower speed networks. Other key features including built-in PoE and analog video output that will add convenience in the installation while saving the installation cost.

The NVC300H Series H.264 IP Mini Dome Day/Night Video Camera is designed with a mini dome style housing and presents friendly looking appearance that can be blended with surrounding structure more smoothly, i.e., ceiling or wall, and it is the best choice when a traditional camera design is preferred for deterrence. The viewing direction is set once the camera is mounted. The megapixel resolution allows important areas like entrances or checkouts to be monitored in great detail.

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.
- ▶ **Multiprofile Streaming**
High performance streaming profiles offers 3 streams of different resolution & frame rates providing IP video flexibility for the most demanding IP video applications.
- ▶ **Built-in Day/Night IR LED**
Available with NVC300H-DN-IR, IR LED lighting provides the best covert and low light operation
- ▶ **Mobile Phone Support**
Supports the latest Iphone & Android smart phones for real time 24x7 access to the video information most important to you
- ▶ **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
- ▶ **3-Axis Lens Mount**
The 3 axis adjustable lens allows surveillance images to be upright if the dome camera is installed on a wall or ceiling
- ▶ **Digital PTZ and Multi-view Streaming**
- ▶ **Dual Analog Video Output**
IP and CVBS (Composite Video Baseband Signal) Analog
- ▶ **IEEE802.3af Power over Ethernet (PoE)**
Run up to 300 feet or 100 meter of network cable away from the power source with the optional 48V DC PoE Injector
- ▶ **Optional flash memory for local storage**

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

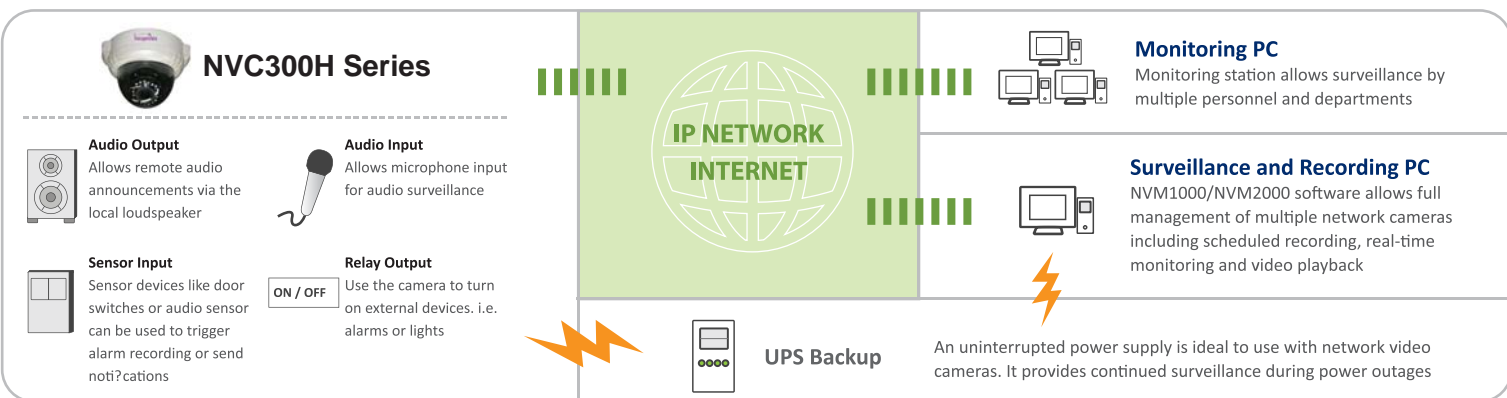


SCHOOL CAMPUS
Regardless if it is inside classrooms or on a campus, Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make monitoring easier

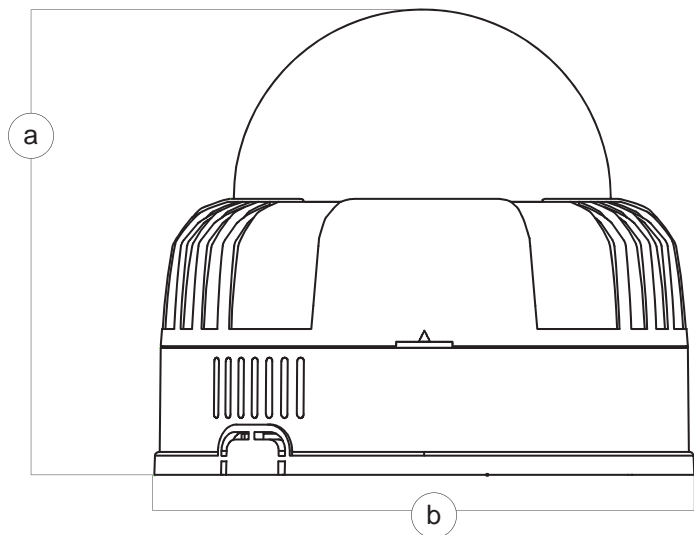
MODEL SELECTIONS

Model	Color	D/N Day:color Night: Black/White	IR	Wide Dynamic
NVC300H	✓			
NVC300H-DN	✓	✓		
NVC300H-DN-IR	✓	✓	✓	
NVC300WDH	✓			✓
NVC300WDH-DN	✓	✓		✓

SYSTEM CONFIGURATIONS



		NVC300H/NVC300-DN/NVC300H-DN-IR	NVC300WDH/NVC300WDH-DN	
Camera	Image Sensor	1/3" Sony Super HAD CCD	1/3" Pixim Wide Dynamic Range CMOS CB100-TDN3	
	Scanning System	INTERLACE/INTERPOLATE		
	Horizontal resolution	520 Color / 580 Black & White TV Lines	480 TV Lines	
	Lens	Varifocal F1.5 / 3.3-12mm		
	Horizontal Field of View	97 degrees to 38 degrees		
	Minimum Object Distance	0.1 meter		
	DC Level Adjustment	32 Level		
	Sharpness	15 Level		
	Day & Night modes (-DN Model Only)	Auto		
	IR Illuminator (-IR Model Only)	18 LED. 15 meter range. 3 meter human face	N/A	
	Digital Slow Shutter	ON / OFF		
	Minimum Illumination	0.1 Lux Color / 0.001 Lux B/W 30IRE	0.08 Lux	
	Luminance S/N Ratio	More than 48dB		
	Video Control	Contrast, Brightness, Saturation, Hue		
	Digital Zoom	ON / OFF		
	Auto Gain Control	ON / OFF		
	BLC	ON / OFF		
	Flickerless	ON / OFF		
	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	Up to 30/25 at all resolutions Configurable to 1, 4, 8, 15, 20, 30 fps		
	Video Encoding Rates	32kbps ~ 3000 kbps		
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, RTCP, SDP, UDP, IGMP, ICMP, ICMP v6, SMTP, FTP, DHCP, ARP, RARP, DNS, NTP, PPPoE		
	Other network settings	Clone MAC address, HTTP/RTSP Port change		
	Maximum User Access @ Video Rate	40@160kbps, 14@512kbps, 7@1000kbps, 2@3000 kbps		
	Security	Multi-User Viewing Authentication, IP Address filtering, HTTPS Encryption, Digest Authentication, User Access Log		
	Alarm and Event Management	Event Trigger Email, FTP, or Recording Based on Video Motion Detection or External Sensor Input		
	Embedded Web Server	Instant access to live streaming video & full p/t/z functionality via Internet Explorer		
	Data Transmission	Unicast		
	Pre & Post Alarm Recording	5 Seconds		
Interface	Dynamic DNS Management	Supported via free service at mgmt.airgoggle.com		
	Network	10 BaseT / 100BaseTx		
	I/O Port(s)	1 2-pin sensor input, 1 2-pin relay output		
	Audio Line Output	1 port 3.5 mm 3 conductor Mini-jack (tip, ring, sleeve) 0.886Vp-p		
	Audio Line Input	1 port 3.5 mm 3 conductor Mini-jack (tip, ring, sleeve) 1.6Vp-p		
	Microphone	Embedded Microphone Enable or Disable From Software		
	Composite Video Out	2 Pin, Composite (1 V p-p), 75 Ohm		
	Power Connector Type	2.5mm Barrel, Center Pin Positive		
System Requirements	Hardware Reset	Reset Button		
	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		
Management	Browser	Microsoft Internet Explorer Ver 7.0 or higher		
	HTTP	Yes		
Environmental	Software	Yes		
	Construction	Body(ABS), Bubble (PC)		
	Camera Dimension(W x H x D) w/o Lens	162 x 113 mm (6" x 4" Inches)		
	Weight	580 g (1 lbs)		
	Storage Temperature	-20°C~70°C (-4°F ~158°F)		
	Operating Temperature	0°C~45°C (32°F ~113°F)		
	Operating Humidity	8 ~80% RH Non-Condensing		
Power	Outdoor Usage	Not Recommended		
	Power Consumption	10 W		
	Power Supply (PoE)	802.3af / 48VDC		
Compliance	Power Supply (Local)	12VDC / 1 A		
	FC CE RoHS			



a.113.3mm
b.161.8mm



Bottom View

VIDEO ACCESSORIES

PIA100
48VDC Integrated PoE
Power Adapter



PACKAGE CONTENTS

1. IP Camera with Integrated Lens
2. Power Supply 12VDC 1.5A
3. 3pcs 1" Surface Mount Screw
4. Guide Pattern Mounting Template
5. Product CDROM

COMPATIBILITY

1.NVM1000*



2.NVR100*



3.NVM2000**



* Included with purchase
** Available for purchase



THE LEADING
OUTDOOR NETWORK
APPLIANCE COMPANY

Product Information Online: <http://www.inscapedata.com/nvc300.htm>

Corporate Headquarters
1620 Oakland Road, Suite D101, San Jose, CA 95131, U.S.A.
PHONE +1.408.392.9800 FAX +1.408.392.9812
EMAIL sales@inscapedata.com

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