2.0 Mega Pixels

H.264 MJPEG

1 2 3 Multi Profile Streaming

Key Features & Benefits

▸ *2.0 megapixel color video resolution*

▸ *Dual-Codec supporting H.264 & MJPEG digital video compression standards*

▸ *Progressive scan Mega pixel, 2.0 Mega Pixel CMOS image sensor*

▸ *Multi-profile streaming (Up to 3 streams of different resolutions, frame rates and codec selections)*

▸ *Power over Ethernet (PoE)*

▸ *Two-way audio support*

▸ *Analog video output, CVBS (Composite Video Baseband Signal)*

▸ *Optional flash memory for local storage*

AirGoggle™ NVC210MP-DN
Megapixel Fixed Day/Night Video Camera

AirGoggle NVC210MP-DN Megpixel Fixed IP Day/Night Video Camera uses a dual codec supporting H.264 & Motion JPEG digital video compression standards. The NVC210MP-DN megapixel video camera uses a 2.0 megapixel CMOS image sensor that delivers crisp and clear images, perfect for the identification of objects and persons, and the resolution is at least three times better than an analog CCTV camera. 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 NVC210MP-DN megapixel fixed network camera is the best choice when a traditional camera design is preferred for deterrence. The viewing direction is set once the camera is mounted. Housings are also available for mounting the camera outdoors or in harsh environments. The megapixel resolution allows important areas like entrances or checkouts to be monitored in great detail.

Applications

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

CAR LICENSE PLATE
The megapixel resolution reads text on a car license plate with better clarity for car license identification

ENTRANCE
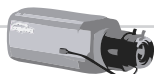The megapixel resolution monitors important areas like entrances or checkouts to be monitored in great detail

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

System Configurations

Bi-directional audio

NVC210MP-DN

Audio Output
Allows remote audio announcements via the local loudspeaker

Audio Input
Allows microphone input for audio surveillance

Sensor Input
Sensor devices like door switches or audio sensor can be used to trigger alarm recording or send notifications

ON/OFF

Relay Output
Use the camera to turn on external devices. i.e. alarms or lights

Surveillance and Recording PC
NVM1000/NVM2000 software allows full management of multiple network cameras including scheduled recording, real-time monitoring and video playback

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

Monitoring PC
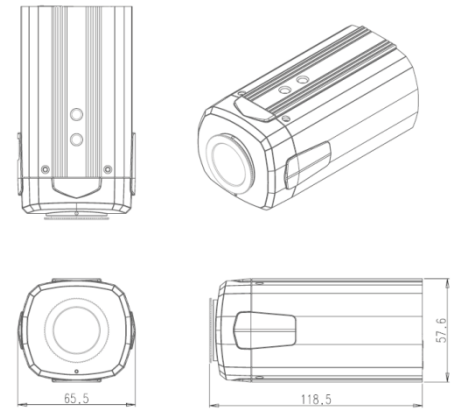Monitoring station allows surveillance by multiple personnel and departments

INTERNET

IP Network

Camera Module

Image sensor	Progressive scan 1/3.2 inch CMOS 2.0M pixels
Full resolution	1,600 x 1,200 pixels (UXGA)
Min. illumination (50IRE)	0.2Lux/F1.2
S/N Ratio	42db
White Balance	AWB(=2500°C~6500°C)
DSS	Supported
Lens	Recommended lens : Vari-focal 4.5~10mm, F1.6
Day & Night	Supported

Video Part

Compression method	Simultaneous Dual Codec (H.264 / MJPEG)
Resolution	-15fps@1600x1200 /1280x1024 - 30fps@1280x720 / 800x608 / 640x480 / 704x480 / 704x240 / 352x240 / 176x112
Multi-Profile Streaming	- 3 simultaneous video profiles - Select the codec type, resolution and frame rates for each profile.
Intelligent Bit-Rate Control	CBR,VBR, HBR
PTZ	Digital PTZ & Video Crop
Image Setting	Text overlay, Privacy mask, De-interlace filter
Motion detection	3 regions

Audio Part

Mono Upstream	32Kbps G.726 ADPCM ~ LINE-in / MIC-in
Mono Downstream	128Kbps 16-bit Linear PCM ~ LINE-out(1Vpk)
Stereo	Stereo support

Network

Network Protocol	-IPv4/v6, TCP, UDP, IGMP, ICMP, ICMPv6, ARP, RARP, PPPoE, RTCP -- RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, SNMP - NTP, DNS, DynDNS, SOCKS, QoS layer 3 DiffServ, Bonjour
Dynamic IP	Supported
Security	-User ID & Password protection, IP address filtering - HTTPS encryption, Digest Authentication, User Access Log

External Terminals

LAN	10/100BaseT LAN (auto NDX)
Analog output	1 channel D1 CVBS output of the encoding video
Alarm input / output	Alarm I/O (1 Sensor input & 1 Relay output)
Factory Reset	Supported
Other	Two Stereo Jack / RS-232 Debug / 12VDCin

Installation

Standard PoE (IEEE802.3af)	Supported

System Integration

Intelligent Video	Motion Detection + IVS module(option)
Alarm Triggers	Intelligent Video + Sensor Input
Alarm Events	video file upload(FTP), still Image(Email), PTZ presets, Relay output
Video Buffer	00 sec Pre-alarm & 00 sec Post-alarm
3G mobile	3G mobile phone support

Client Software

NVR100	16ch (free of charge)

Operating Environment, Power, Dimensions

Operating Temperature	0~45 °C (32 ~113 °F)
Operating Humidity	8~80% RH
Power	12VDC, 1A / SMPS
Dimensions(W x H x D)	Body : 66mm(2.6") x 58(2.3") x 119mm(4.7")
Weight	0.51Kg (1lbs)
Casing	Zn/Al, Silver
Approvals	FCC, CE, MIC, RoHS
Package information	IP Camera, CD (User's guide, Software...), DC power adaptor, L wrench, ceiling mount, Screws

Optional Items

WiFi	Dual band wireless, Ethernet Injector & Surge Suppressor, 5 port PoE Switch
Local storage	SD card or flash memory
Lens	ask for details

Compliance

FC CE MIC RoHS

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unit: mm

Video Accessories

PCHB1300
PoE Ready, All Weather
Cable Management
Heater & Blower
-30°C to +60°C
Camera Housing (CH100HB)
Housing Bracket (CB300)

PCHB2200
PoE Ready, All Weather
Standard Encloser
Heater & Blower
-30°C to +60°C
Camera Housing (CH200HB)
Housing Bracket (CB200)

PCHB3100
PoE Ready, All Weather
Extended Length for Optional
Camera Lens
Heater & Blower
-40°C to +60°C
Camera Housing (CH300HB)
Housing Bracket (CB100)
*Optional Wiper

PIA100
48VDC Integrated PoE Power
Adapter for NVC210WD

Compatibility

1. NVM1000*   2. NVR100*   3.NVM2000**

* Included with purchase   ** Available for purchase

Package Content

1. Camera Body
2. High ResolutionLens Auto-Iris Varifocal Lens 3.5 ~ 8mm (CS Mount)
3. Lens Adapter C to CS Mount
4. DC Iris Lens Connector Kit
5. Back Focus Adjustment Wrench
6. Switching Power Supply 12VDC 1.5A
7. Swivel Arm Surface Mount Bracket with screws
8. Product CDROM

InscapeData

THE LEADING OUTDOOR NETWORK APPLIANCE COMPANY

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

View product information online at http://www.inscapedata.com/nvc210mp.htm

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