



## AirGoggle™ NVC360MP Series Mega-Pixel (MP) Professional IP Vandal Proof Dome Video Camera



NVC360MP IP Vandal Proof Dome Mega-pixel Camera Series is manufactured with tamper resistant casing, and it is a fixed dome specifically adapted for unobtrusive video surveillance in exposed indoor or outdoor environments, where discreet and compact solutions are required. It is the perfect solution for video surveillance systems with quality and efficiency requirements, e.g. in retail stores, government, banks and airports segments. NVC360MP Series offers high-performance compression and streaming capabilities with superior image quality including progressive scan and wide dynamic range, providing crisp and clear images of both illuminated and low-light areas. In addition, the NVC360MP series provides HDTV 2.0 and 3.0 mega-pixel resolution (2084x1536 and 1920x1080) at full frame rate.

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 NVC360MP Series Mega-pixel Vandal Proof Dome IP Video Camera is designed with a 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 mega-pixel resolution allows important areas like entrances or checkouts to be monitored in great detail.

### MODEL SELECTIONS

Model	Mega Pixels	Color	D/N Day:color Night: Black/White	Wide Dynamic	IR	802.3af PoE
NVC360MP2-DN-IR	2	✓	✓		✓	✓
NVC360MP2-DN-IR-WDR	2	✓	✓	✓	✓	✓
NVC360MP3-DN-IR	3	✓	✓		✓	✓

### APPLICATION DIAGRAM

#### Remote Auto-Reboot PoE Switch

##### AirEther™ 5GHz Wireless System



#### Standard IEEE802.3at PoE Injector

##### AirEther™ 5GHz Wireless System



### KEY FEATURES & BENEFITS

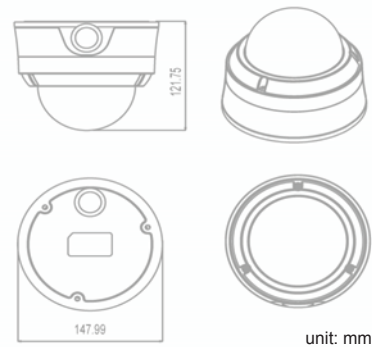
- ▶ **2.0/3.0 mega-pixel color video resolution**
- ▶ **Triple Codec supporting H.264, MPEG & MJPEG digital video compression standards**
- ▶ **Progressive scan Mega pixel, 2.0 & 3.0 Mega Pixel CMOS image sensor**
- ▶ **Mobile Phone Support**
- ▶ **Multi-profile streaming (Up to 3 streams of different resolutions, frame rates and codec selections)**
- ▶ **Power over Ethernet (PoE)**
- ▶ **Two-way audio support**
- ▶ **3-axis lens mount**
- ▶ **Vandal proof & weather proof, IP66 compliant**
- ▶ **Analog video output, CVBS (Composite Video Baseband Signal)**
- ▶ **Optional flash memory for local storage**

## TECHNICAL SPECIFICATIONS

Camera Module	
Image sensor	Progressive scan 1/3.2 inch CMOS 3.0M pixels
Full resolution	1,920 x 1,080 pixels (Full HD)
Min. illumination (50IRE)	0.2Lux/F1.4 (IR On = 0 Lux)
S/N Ratio	50db or more
White Balance	AWB(=2500°C~6500°C)
DSS	Supported
Lens	3.6~16mm
Day & Night	Supported (TDN, IR LED)
Video Part	
Compression method	Simultaneous Triple Codec (H.264 / MPEG-4 / MJPEG)
Multi-Profile Streaming	- 5 simultaneous video profiles - Select the codec type, resolution and frame rates for each profile.
Intelligent Bit-Rate Control	Hybrid Bit Rate Control (VBR+CBR)
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
Fan/Heater	Fan/Heater interface with embedded control algorithm using a thermometer for outdoor vandal products
Operating Environment, Power, Dimensions	
Operating Temperature	-PoE power: -10°C~50°C (14°F ~ 122°F) -DC power: -40°C~50°C (-40°F ~ 122°F)
Operating Humidity	8~80% RH
Power	12VDC, 2A with heater and IR LED, 24W, PoE (IEEE802.3af)
Dimensions(W x D)	148mm(6") x 122mm(5")
Weight	1Kg (2lbs)
Casing	AL, PC
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
Bracket	Wall, Ceiling and Embedded

## SYSTEM DIMENSIONS

**BODY: 148mm(6") x 122mm(5")**



## MOUNTING OPTIONS

### Wall Mount

SDWM001M  
Outdoor Wall Mount Bracket Kit



### Ceiling Mount

SDCM001M  
Outdoor Ceiling Bracket Kit



### Embedded Mounting

SDEM360  
for NVC360H-DN-IR Model Only



### PIA200

48VDC Integrated  
PoE Power Adapter



## COMPATIBILITY

### 1. NVM1000\*



### 2. NVR100\*



### 3. NVM2000\*\*



\* Included with purchase \*\* Available for purchase

## PACKAGE CONTENT

1. NVC360MP Dome Camera (Ceiling Mount)
2. Product CDROM
3. Installation Screws x5
4. Viewer / Recorder Software
5. I/O Terminal Block (5 Pin 2EA)
6. Power Supply



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/nvc360mp.htm>

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