



# N3072 IR Vandal Dome Network Camera

## 2.0 Megapixel / H.264 / 720p Real-Time / IR

- 1/3" Progressive Scan CMOS image sensor
- 15 fps @ 1600 x 1200 (UXGA),  
30 fps @ 1280 x 720 (WXGA / 720p)
- H.264/MJPEG dual codec
- Enhanced imaging with 3D DNR
- 3-axis mechanical design for ceiling installation
- Digital I/O for external sensor and alarm
- PoE (Power over Ethernet)
- True day/night (ICR)
- 2-way audio support
- IP68 weather rated +IK10 vandal-proof
- Micro SD card support up to 32GB (not included)



## Specifications

### Camera

Sensor	1/3" Progressive Scan CMOS
Scan Method	Progressive
Lens	f=3.0 ~ 10mm, F1.6
Maximum Resolution	1600 x 1200
Minimum Illumination	0.1Lux (F1.6, AGC max), 0Lux (IR On)
Day/Night	True Day/Night (ICR)
Wide Dynamic	No
SNR (max)	42.3db
Digital Noise Reduction	Auto (3D-DNR)
White Balance	Auto
Gain Control	High/Middle/Low, 3 steps selection
Flicker Control	Off/50 Hz/60 Hz, 3 steps selection
Backlight Compensation	On/Off
Electronic Shutter	Auto/Slow Shutter (2x~16x / 5 steps selection)
Panning Coverage	-174° ~ 174°
Tilting Coverage	0° ~ 65°
Iris Control	Auto

### IR Illuminators

Wavelength	850nm
Distance	Up to 50ft
Beam Angle	25°

### Video

Video Compression Format	H.264 (MPEG-4Part 10/AVC)/MJPEG,Dual codec
Video Frame Rate	H.264 : 2M (1600x1200@15fps) 720p (1280x720@30fps) MJPEG : 2M (1600x1200@15fps) 720p (1280x720@15fps)
Bitrate Control	CBR and VBR, 128kbps ~ 4Mbps
Multi-streams	Dual streaming, Multiple profiles 1280x720 H.264@30fps/640x352 H.264(Sub)@30fps/1280x720 MJPEG@15fps 1600x1200 H.264@15fps/640x480 H.264(Sub)@15fps/1600x1200 MJPEG@15fps
Digital Zoom (PC Side)	1/4x, 1/3x, 1/2x, 1x, 2x, 4x
Image Rotation	Mirror, Flip, Rotate 180°

### Audio

Audio Streaming	Two Way
Compression	AMR, G.711 @ 64kbps, G.726 @ 32kbps / Configure bit rate

### Intelligent Video

IVA	Motion Detection / Tamper Detection / Privacy Mask
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### System Requirements

Browser	Internet Explorer 6.0 or above, Firefox, Chrome, Safari
Application Software	VMS Application Software
OS Supported	Microsoft Windows 2000, XP, Vista, Windows 7

### I/O and Connectors

LAN	1 x RJ-45 Ethernet Connector
Audio	1 x Audio in, 1 x Audio out
Alarm I/O	1 x Alarm in, 1 x Alarm out
Serial Port	RS-485 (2 pin)
Factory Default	1 x Reset Button

### General

Storage	1 x Micro SD Card (SDHC up to 32GB)
Power Input	DC12V / PoE
Power Consumption	3.6W (IR off) / 6W (IR on)
Operating Environment	Operating temperature : -4° F ~ 122°F Storage temperature : -22°F ~ 140°F Storage humidity : 10% ~ 95% Non-condensing
Dimensions	5.68" (Ø) x 4.52" (H)
Weight	2 lbs
Safety Certifications	CE, FCC, Class A, RoHS, IP68, IK-10
Warranty	3 years

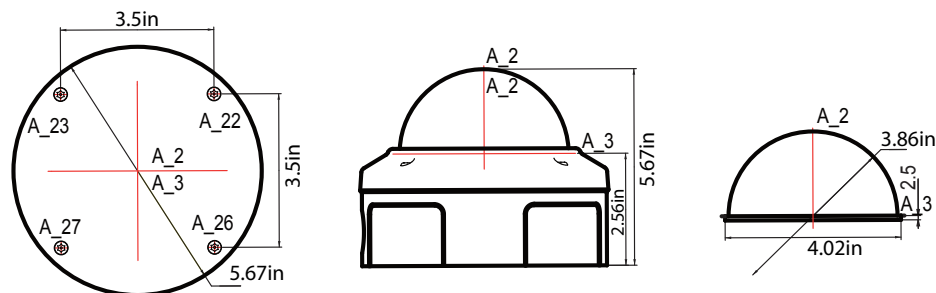
### Network

Streaming Protocols	RTSP/RTP/UDP,RTSP/RTP/TCP,RTSP/RTP/ HTTP tunneling, LAN Multicast, Multipart-JPEG
Supported Protocols	IPv4, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP,ONVIF



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## Product Diagram:



## Features:

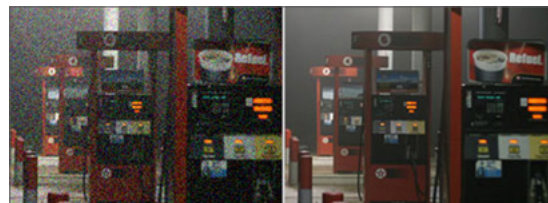
### 2.0 Megapixel Resolution

Cover more space or zoom in for more detail



### 3D Digital Noise Reduction (3D DNR)

Filter out noise even in low-light conditions



### Progressive Scan

Delivers faster transmission speeds and sharper details



## Suggested Accessories:

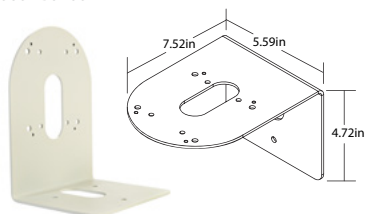
Pole Mount Adapter for Vandal Dome Bracket

RM06-02G04001



Steel Dome Camera Bracket

RM0602G02002



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