

# N9033 Mini Dome Network Camera



## 3 Megapixel / H.264 / 1080P Real-Time

- 3 Megapixel 1/4" CMOS Sensor in High Resolution
- H.264/MJPEG Dual Codec & Streaming simultaneously
- Vari-Focal Lens 3mm-10mm F1.6
- 3-Axis Mechanical Design for Ceiling Installation
- Auto-IRIS
- 2048x1536@22fps / 1080P (1920x1080@30fps)
- Mechanical ICR
- Built-in IR Illuminator
- Digital I/O for External Sensor and Alarm
- 3D Noise Reduction
- 2 Way Audio Supported
- Intelligent Video Analytics
- PoE Power Over Ethernet IEEE802.3af (Option)
- Micro SD Card Supported (SDHC up to 32GB)



### Specifications

#### Camera

Sensor	3 MegaPixel 1/4" CMOS sensor
Scan Method	Progressive
Lens	Vari-Focal Lens 3-10mm , F1.6
Number of Effective Pixel (H*V)	2048x1536
Minimum Illumination	0.1Lux (F1.6, AGC max.)0Lux (IR On)
Horizontal Resolution	1400TVL
Wide Dynamic Range	High/Middle/Low, 3 steps selection
Dynamic Range	69db@8xGain
SNR(max)	37db
DNR	High/Middle/Low, 3 steps selection
White Balance	Auto
Gain Control	High/Middle/Low, 3 step selection
Flicker Control	Off/50Hz/60Hz, 3 steps selection
Electronic Shutter	Auto/Manual (1/30, 1/100, 1/500, 1/1000, 1/2000, 1/5000, 1/10000)
Panning Coverage	-175°~ 175°
Tilting Coverages	0°~ 75°
Rotate Range	-175°~ 175°
IRIS Control	Auto

#### IR Illuminators

Day and Night	IR-Cut Filter Removable (ICR)
Wavelength Range	850nm
Distance	15M
Beam Angle	30°

#### Video

Video Compression	H.264 (MPEG-4Part 10/AVC)/MJPEG,Dual codec
Video Framerate	2048x1536@22fps/1920x1080@30fps
Resolution	H.264 : 3M(2048x1536@22fps) 2M(1600x1200@22fps) 1080P(1920x1080@30fps) 720P(1280x720@30fps) MJPEG : 1.3M(1280x960@15fps) 1080P(1920x1080@15fps) 720P(1280x720@15fps)
Bitrate control	CBR and VBR, 128kbps~8Mbps
Multi-streams	Dual streaming, Multiple profiles 1920x1080 H.264@30fps/720x400 H.264(Sub) @30fps/1920x1080 MJPEG@15fps 2048x1536 H.264@22fps/640x480 H.264(Sub) @22fps/1280x960 MJPEG@15fps
Digital Zoom (PC side)	Digital
Image Rotation	Mirror, Flip, Rotate 180°

#### Intelligent Video

De-noise	Yes
Motion detection	Yes
Blind detection	Yes
Privacy Mask	Yes

#### Audio

2 Way Audio	Built-in Microphone, Audio Line-out
Compression	AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate

#### Network

Streaming Protocols	RTSP/RTP/UDP,RTSP/RTP/TCP,RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG
Supported Protocols	IPv4, IPv6, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP, ONVIF
Mobile Surveillance	iPhone, iPad, Android, BlackBerry

#### Storage

External	1 x Micro SD Card (SDHC up to 32GB)
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#### Processors and Memory

CPU	ARM9 SOC 800Hz
Flash and Memory	16MB ROM, 256MB DDRIII

#### I/O and Connectors

LAN	1x RJ-45 Ethernet connector
Audio	1xInternal Microphone-in, 1xAudio Line-out
Alarm I/O	1xAlarm-in, 1xAlarm-out
Factory Default	1xReset Button

#### Software Compatibility

Browser	Internet Explorer 6.0 or above
Application Software	VMS Application Software
OS supported	Microsoft Windows 2000, XP , Vista , Windows 7

#### Open API

CGI commands to control camera  
Media SDK to handle streaming

#### Factory Default

Button

#### Power

Power Input	DC 12V, DC12V/ POE
Power Consumption	IR On : 6.6W / IR Off : 4.8W

#### Demension

130mm(Φ)x100.5mm(H)

#### Weight

874g

#### Operating Environment

Operating temperature	-10°C~ 50°C
Storage temperature	-20°C~ 60°C
Storage humidity	0% ~ 95% Non-condensing

#### Certification

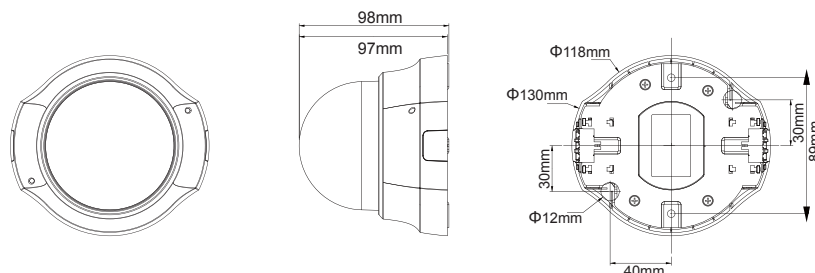
CE, FCC Class A, RoHS

#### Warranty

24 months

Member of **ONVIF** **CE** **FC** **RoHS** Compliant

### Dimension Diagram



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