

# N3074 Dome Network Camera



## 2 Megapixel / H.264 / 720P Real-Time / Vari-Focal

- 2 Megapixel 1/3" 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
- Up to UXGA (1600x1200@15fps) / WXGA (1280x720@30fps)
- Digital I/O for External Sensor and Alarm
- 3D Noise Reduction
- 2 Way Audio Supported
- Intelligent Video Analytics
- 3GPP Supported
- Micro SD Card Supported (SDHC up to 32GB)
- IP68 Water and Vandal Proof
- PoE Power Over Ethernet IEEE802.3af (Option)



### Specifications

#### Camera

Sensor	2 MegaPixel 1/3" CMOS sensor
Scan Method	Progressive
Lens	Vari-Focal Lens 3-10mm, F1.6
Number of Effective Pixel (H*V)	1600x1200
Minimum Illumination	0.1Lux (F1.6, AGC max.)0Lux (IR On)
Horizontal Resolution	950TVL
Dynamic Range	71
SNR(max)	42.3db
White Balance	Auto
Gain Control	High/Middle/Low, 3 step selection
Flicker Control	Off/50Hz/60Hz, 3 steps selection
Backlight Compensation	On/Off
Electronic Shutter	Auto/Slow Shutter (2X~16x / 5 steps selection)
Panning Coverage	-174°~ 174°
Tilting Coverages	0°~ 65°

#### Video

Video Compression	H.264 (MPEG-4Part 10/AVC)/MJPEG,Dual codec
Video Framerate	1600x1200@15fps/1280x720@30fps
Resolution	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°

#### Intelligent Video

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

#### Audio

2 Way Audio	Audio Line-in, 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
Flash and Memory	16MB ROM, 256MB DDRII

#### I/O and Connectors

LAN	1x RJ-45 Ethernet connector
Audio	1x Audio Line-in, 1x Audio Line-out
Alarm I/O	1x Alarm-in (2pin), 1x Alarm-out (3pin)
Serial Port	RS485 (2pin)

#### 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	
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#### Power

Power Input	DC 12V, DC12V/ POE
Power Consumption	3.6W

#### Dimension

144.3mm(Φ)x 115mm(H)	
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#### Weight

887g	
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#### Operating Environment

Operating temperature	-20°C~ 50°C
Storage temperature	-30°C~ 60°C
Storage humidity	0% ~ 95% Non-condensing

#### Certification

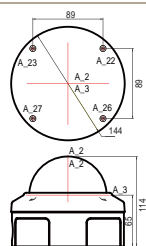
CE, FCC Class A, RoHS, IP68, IK10	
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#### Warranty

24 months	
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Member of **ONVIF** **CE** **FC** **RoHS** compliant

### Dimension Diagram



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