

N3071 IR Dome Network Camera



2 Megapixel / H.264 / 720P Real-Time / IR

- 2 Megapixel 1/3" CMOS Sensor in High Resolution
- H.264/MJPEG Dual Codec & Streaming simultaneously
- Fixed Lens 3.6mm , F1.8
- 3-Axis Mechanical Design for Ceiling Installation
- Up to UXGA (1600x1200@15fps) / WXGA (1280x720@30fps)
- Digital I/O for External Sensor and Alarm
- Mechanical ICR
- Built-in IR Illuminator
- 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)



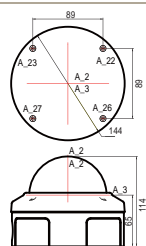
Specifications

Camera	
Sensor	2 MegaPixel 1/3" CMOS sensor
Scan Method	Progressive
Lens	Fixed Lens 3.6mm , F1.8
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°
IR Illuminators	
Day and Night	IR-Cut Filter Removable (ICR)
Wavelength Range	850nm
Distance	Up to 15M
Beam Angle	25°
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
3GPP Mobile Surveillance	Yes
Storage	
External	1 x Micro SD Card (SDHC up to 32GB)
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
Power	
Power Input	DC 12V, DC12V/ POE
Power Consumption	6W(IR on)/3.6W(IR off)
Demension	
	144.3mm(Φ)x 115mm(H)
Weight	
	874g
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
Warranty	
	24 months

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Dimension Diagram



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