

# N3031-C IR Dome Network Camera



## 3 Megapixel / H.264 / 3M Real-Time / D-WDR / Auto-IRIS

- 3 Megapixel 1/3" CMOS Sensor in High Resolution
- H.264/MJPEG Dual Codec & Streaming simultaneously
- Vari-Focal Lens 3-10.5mm F1.8
- QXGA (2048x1536@30fps) / 1080P(1920x1080@30fps)
- Digital I/O for External Sensor and Alarm
- 3-axis Mechanical Design for Ceiling Installation
- Image Rotation 90° & 270°/ 180°
- LDC (Lens distortion correction)
- 25 meter IR LED
- Digital Powerful WDR
- 3D Noise Reduction
- 2 Way Audio Supported
- Intelligent Video Analytics
- IP68 Water +IK10 Vandal Proof
- Heater + Fan (Optional)
- PoE Power Over Ethernet IEEE802.3af
- Micro SD Card Supported (SDXC)



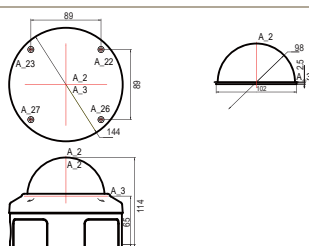
### Specifications

<b>Camera</b>	Sensor: 3 MegaPixel 1/3" CMOS sensor Scan Method: Progressive Lens: Vari-Focal Lens 3-10.5mm , F1.8 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 White Balance: Auto Gain Control: High/Middle/Low, 3 step selection Flicker Control: Off/50Hz/60Hz, 3 steps selection Electronic Shutter: Auto/Manual Panning Coverage: -174°~ 174° Tilting Coverages: 0°~ 75° IRIS Control: Auto
<b>IR Illuminators</b>	Day and Night: IR-Cut Filter Removable (ICR) Wavelength Range: 850nm Distance: Up to 25M Beam Angle: 30/50°
<b>Video</b>	Video Compression: H.264 (MPEG-4Part 10/AVC)/MJPEG,Dual codec Video Framerate: 2048x1536@30fps/1920x1080@30fps Resolution: H.264 : 3M(2048x1536@30fps) 2M(1600x1200@30fps) 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@30fps/640x480 H.264(Sub) @15fps/1280x960 MJPEG@15fps Digital Zoom (PC side): 1/4X, 1/3X, 1/2X, 1X, 2X, 4X Image Rotation: Mirror, Flip, Rotate 180°
<b>Intelligent Video</b>	De-noise: Yes Motion detection: Yes Tamper detection: Yes Privacy Mask: Yes
<b>Audio</b>	2 Way Audio: Audio Line-in, Audio Line-out Compression: AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate

<b>Network</b>	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
<b>Storage</b>	External: 1 x Micro SD Card (SDXC)
<b>Processors and Memory</b>	CPU: ARM9 SOC Flash and Memory: 128MB ROM, 512MB DDRIII
<b>I/O and Connectors</b>	LAN: 1x RJ-45 Ethernet connector Audio: 1x Audio Line-in, 1x Audio Line-out Alarm I/O: 1x Alarm-in, 1x Alarm-out Serial Port: RS485 (2pin)
<b>Software Compatibility</b>	Browser: Internet Explorer 6.0 or above Application Software: VMS Application Software OS supported: Microsoft Windows 2000, XP, Vista, Windows 7
<b>Open API</b>	CGI commands to control camera Media SDK to handle streaming
<b>Factory Default</b>	Button
<b>Power</b>	Power Input: DC12V+PoE Power Consumption: 3.5W/8.5W(IR ON)
<b>Demension</b>	144.3mm(Φ)x 115mm(H)
<b>Weight</b>	880g
<b>Operating Environment</b>	Operating temperature: -20°C~ 50°C Storage temperature: -30°C~ 60°C Storage humidity: 0% ~ 95% Non-condensing
<b>Certification</b>	CE, FCC Class A, RoHS, IP68, IK10
<b>Warranty</b>	24 months

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### Dimension Diagram



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