

# N3072 IR Dome Network Camera



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



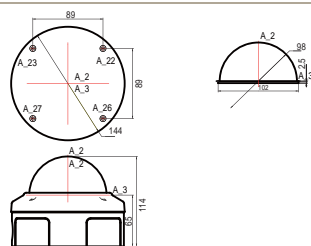
### Specifications

<b>Camera</b>	<p>Sensor: 2 MegaPixel 1/3" CMOS sensor</p> <p>Scan Method: Progressive</p> <p>Lens: Vari-Focal Lens 3-10mm, F1.6</p> <p>Number of Effective Pixel (H*V): 1600x1200</p> <p>Minimum Illumination: 0.1Lux (F1.6, AGC max.) 0Lux (IR On)</p> <p>Horizontal Resolution: 950TVL</p> <p>Dynamic Range: 71</p> <p>SNR(max): 42.3db</p> <p>White Balance: Auto</p> <p>Gain Control: High/Middle/Low, 3 step selection</p> <p>Flicker Control: Off/50Hz/60Hz, 3 steps selection</p> <p>Backlight Compensation: On/Off</p> <p>Electronic Shutter: Auto/Slow Shutter (2X~16x / 5 steps selection)</p> <p>Panning Coverage: -174°~ 174°</p> <p>Tilting Coverages: 0°~ 65°</p>
<b>IR Illuminators</b>	<p>Day and Night: IR-Cut Filter Removable (ICR)</p> <p>Wavelength Range: 850nm</p> <p>Distance: Up to 15M</p> <p>Beam Angle: 25°</p>
<b>Video</b>	<p>Video Compression: H.264 (MPEG-4Part 10/AVC)/MJPEG, Dual codec</p> <p>Video Framerate: 1600x1200@15fps/1280x720@30fps</p> <p>Resolution: H.264 : 2M(1600x1200@15fps) 720P(1280x720@30fps) MJPEG : 2M(1600x1200@15fps) 720P(1280x720@15fps)</p> <p>Bitrate control: CBR and VBR, 128kbps~4Mbps</p> <p>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</p> <p>Digital Zoom (PC side): 1/4X, 1/3X, 1/2X, 1X, 2X, 4X</p> <p>Image Rotation: Mirror, Flip, Rotate 180°</p>
<b>Intelligent Video</b>	<p>De-noise: Yes</p> <p>Motion detection: Yes</p> <p>Blind detection: Yes</p> <p>Privacy Mask: Yes</p>
<b>Audio</b>	<p>2 Way Audio: Audio Line-in, Audio Line-out</p> <p>Compression: AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate</p>

<b>Network</b>	<p>Streaming Protocols: RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG</p> <p>Supported Protocols: IPv4, IPv6, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP, ONVIF</p> <p>3GPP Mobile Surveillance: Yes</p>
<b>Storage</b>	<p>External: 1 x Micro SD Card (SDHC up to 32GB)</p>
<b>Processors and Memory</b>	<p>CPU: ARM9 SOC</p> <p>Flash and Memory: 16MB ROM, 256MB DDRII</p>
<b>I/O and Connectors</b>	<p>LAN: 1x RJ-45 Ethernet connector</p> <p>Audio: 1x Audio Line-in, 1x Audio Line-out</p> <p>Alarm I/O: 1x Alarm-in (2pin), 1x Alarm-out (3pin)</p> <p>Serial Port: RS485 (2pin)</p>
<b>Software Compatibility</b>	<p>Browser: Internet Explorer 6.0 or above</p> <p>Application Software: VMS Application Software</p> <p>OS supported: Microsoft Windows 2000, XP, Vista, Windows 7</p>
<b>Open API</b>	<p>CGI commands to control camera</p> <p>Media SDK to handle streaming</p>
<b>Factory Default</b>	<p>Button</p>
<b>Power</b>	<p>Power Input: DC 12V, DC12V/ POE</p> <p>Power Consumption: 6W(IR on)/3.6W(IR off)</p>
<b>Demension</b>	<p>144.3mm(Φ)x 115mm(H)</p>
<b>Weight</b>	<p>908g</p>
<b>Operating Environment</b>	<p>Operating temperature: -20°C~ 50°C</p> <p>Storage temperature: -30°C~ 60°C</p> <p>Storage humidity: 0% ~ 95% Non-condensing</p>
<b>Certification</b>	<p>CE, FCC Class A, RoHS, IP68, IK10</p>
<b>Warranty</b>	<p>24 months</p>

Member of

### Dimension Diagram



### Distributed by:

### 3S PocketNet Technology Inc.

7F., No.5, Lane 16, Sec. 2, Sichuan Rd. Banqiao Dist.,  
New Taipei City 22061, Taiwan (R.O.C.)  
Tel: +886.2.8967.2909  
Fax: +886.2.8967.2779