




















N3031 IR Dome Network Camera

3 Megapixel / H.264 / 1080P Real-Time / D-WDR / Auto-IRIS

- 3 Megapixel 1/4" CMOS Sensor in High Resolution
- H.264/MJPEG Dual Codec & Streaming simultaneously
- Vari-Focal Lens 3-10mm F1.6
- 3-Axis Mechanical Design for Ceiling Installation
- QXGA (2048x1536@22ps) / 1080P(1920x1080@30fps)
- Digital I/O for External Sensor and Alarm
- Mechanical ICR
- Built-in IR Illuminator
- Auto-IRIS
- Digital Powerful WDR
- 3D Noise Reduction
- 2 Way Audio Supported
- Intelligent Video Analytics
- IP68 Water and Vandal Proof
- PoE Power Over Ethernet IEEE802.3af (Option)
- Micro SD Card Supported (SDHC up to 32GB)

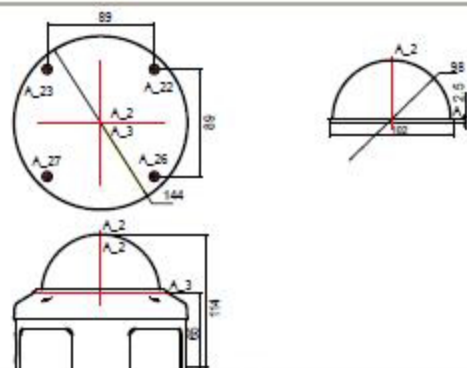


Specifications

| | | | | | |
|--|---------------------------------|---|---|--------------------------|--|
|  Camera | Sensor | 3Megapixel 1/4" CMOS sensor |  Network | Streaming Protocols | RTSP/RTP/UDP,RTSP/RTP/TCP,RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG |
| | Scan Method | Progressive | | Supported Protocols | IPv4,IPv6, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP,ONVIF |
| | Lens | Vari-Focal Lens 3-10mm , F1.6 | | 3GPP Mobile Surveillance | iPhone, iPad, Android, BlackBerry |
| | Number of Effective Pixel (H*V) | 2048x1536 |  Storage | External | 1x Micro SD card |
| | Minimum Illumination | TBD |  Processors and Memory | CPU | ARM9 SOC 800MHz |
| | Horizontal Resolution | TBD | | Flash and Memory | 16MB NOR flash, 256MB DDRII |
| | Wide Dynamic Range | Digital (On/Off) |  I/O and Connectors | LAN | 1x RJ-45 Ethernet connector |
| | Dynamic Range | 69db@8x gain | | Audio | 1x Audio Microphone-in, 1x Audio Line-out |
| | SNR(max) | 37db | | Alarm I/O | 1x Alarm-in (2pin), 1x Alarm-out (3pin) |
| | White Balance | Auto | | Serial Port | RS485 (2pin) |
| | Gain Control | High/Middle/Low, 3 steps selection |  Software Compatibility | Browser | Internet Explorer 6.0 or above |
| | Flicker Control | Off/50 Hz/60 Hz, 3 steps selection | | Application Software | VMS Application Software |
| | Electronic Shutter | On/Off | | OS supported | Microsoft Windows 2000, XP , Vista , Windows 7 |
| | IRIS Control | Auto |  Open API | | CGI commands to control camera Media SDK to handle streaming |
|  Panning/Tilting | Panning Coverage | -174°~ 174° |  Factory Default | | Button |
| | Tilting Coverage | 25°~ 90° |  Power | Power | DC 12V, DC12V/ POE |
|  IR Illuminators | Wavelength Range | 850nm | | Power Consumption | TBD |
| | Distance | Up to 15M |  Demension | | 144.3mm(Φ)x 115mm(H) |
| | Day and Night | IR-Cut Filter Removable (ICR) |  Weight | | TBD |
| | Beam Angle | 25° |  Operating Environment | Operating temperature | -20°C~ 50°C |
|  Intelligent Video | Video Compression | H.264 BP and MJPEG Dual codec, dual streaming, Multiple profiles | | Storage temperature | -30°C~ 60°C |
| | Video framerate | Dual streaming | | Storage humidity | 0% ~ 95% Non-condensing |
| | Resolution | H.264 : 3MP(2048x1536@22fps) 1080P(1920x1080@30fps) 720P(1280x720@30fps) MJPEG : 3MP(1600x1200@15fps) 1080P(1280x720@30fps) 720P(1280x720@30fps) |  Certification | | CE, FCC Class A, RoHS, IP68 |
| | Bitrate control | CBR and VBR, 128kbps ~ 10Mbps |  Warranty | | 24 months |
| | Multi-streams | TBD | | | |
| | Digital Zoom | Digital | | | |
| | Image Rotation (PC Side) | Mirror, Flip, Rotate 180° | | | |
| | DNR | On/Off | | | |
|  Video Processing | De-noise | Yes | | | |
| | Motion detection | Yes | | | |
| | Blind detection | Yes | | | |
| | Privacy Mask | Yes | | | |
|  Audio | 2 Way Audio | Audio microphone in, Audio Line-out | | | |
| | Compression | AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate | | | |

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Dimension Diagram



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