



## Mega-Pixel IR Network IPI Dome

**CAM419IR / CAM419IR-PoE**

- ▶ 1.3 Mega-Pixel CMOS Sensor
- ▶ Vandal-proof Network Dome Camera
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ IR distance up to 12 meters
- ▶ Support SD card for event recording
- ▶ 2-way audio
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Embedded PoE (CAM419IR-PoE)
- ▶ Free 36CH recording software

**Specification****Hardware**

|               |  |
|---------------|--|
| CPU           | ARM 9, 32 bit RISC   |
| RAM           | 32MB   |
| Flash         | 8MB  |
| Image Sensor  | 1/4" CMOS, 1.3 Mega pixels   |
| Lens          | Vari-focal 3.7 ~ 12 mm, F1.6   |
| IR Distance   | 12 Meters  |
| Illumination  | IR On: 0 lux   |
| Audio In/ Out | 1 Line in / 1 Line out (RCA connectors)  |
| Digital I/O   | 1 In / 1 Relay out   |
| Water Proof   | IP-66 standard   |
| Power Supply  | CAM419IR: DC 12V, 1A<br>CAM419IR-PoE:<br>Use PoE: PoE Injector (IEEE 802.3af)<br>Or, use Power Adaptor: DC 12V, 1A |
| Dimensions    | Φ138 x H105 mm   |

**Network**

|                  |   |
|------------------|---|
| Ethernet         | 10/ 100 Base-T  |
| Network Protocol | HTTP, TCP/IP, RTP/RTSP, 3GPP, NTP, SMTP, FTP, PPPoE, DHCP, DDNS, UPnP |

**Event System**

|                 |   |
|-----------------|---|
| Event Trigger   | Motion Detection, Sensor In                         |
| Trigger Actions | Send Email, Send to FTP, Save to SD Card, Relay Out |

**Client Requirements**

|           |   |
|-----------|---|
| OS        | Windows XP / Vista / Win 7                                  |
| Browser   | IE7,8 / FireFox / Chrome / Opera / Safari                   |
| Suggested | Intel-C 2.0G, RAM: 512MB,<br>Graphic card: 64MB onboard RAM |

**System**

|                      |   |
|----------------------|---|
| Video Resolution     | 1280x1024, 640x480,<br>320x240,160x120                        |
| Compression Format   | MPEG-4 / MJPEG  |
| Frame Rate           | Up to 10 FPS@1280x1024<br>Up to 30 FPS@640x480                |
| Video Bitrate Adjust | CBR, VBR  |
| Dual Streaming       | Yes   |
| 3GPP                 | Yes, Live view with 3G mobile phone                           |
| Image Snapshot       | Yes   |
| Video Adjust         | Brightness, Contrast, Exposure,<br>Sharpness, AGC, Night Mode |
| Motion Detection     | Yes, 3 different areas  |
| Pre/ Post Alarm      | Yes, configurable   |
| Security             | Password protection   |
| Connection           | Up to 10 clients simultaneously                               |
| Firmware Upgrade     | HTTP mode, remotely   |
| Audio                | Yes, 2-way  |

**SD Card Management**

|                   |  |
|-------------------|--|
| Recording Trigger | Motion Detection, Sensor In, IP Check,<br>Network Disconnect |
| Video Format      | Video (AVI), Snapshot (JPEG)                                 |
| Video Playback    | Yes  |
| Delete Files      | Yes  |

**Package List**

CAM419IR Camera, Power Adaptor (not included with PoE model), Ethernet Cable, Screws&Tool, CD-ROM, Quick Installation Guide