



## H.264 2Mega-Pixel CMOS IP Camera

# CAM616M(PoE)



- ▶ 2 Mega-Pixel CMOS Sensor
- ▶ Mega-Pixel Lens (changeable)
- ▶ H.264/ MPEG4/ MJPEG Triple Mode & streaming
- ▶ 15FPS@1600x1200, 30FPS@1280x720
- ▶ Support DC IRIS
- ▶ 2-way audio
- ▶ Digital I/O: 1 In / 1 Relay out
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Embedded PoE (CAM616M-PoE)

### Specification

#### Hardware

|                 |  |
|-----------------|--|
| CPU             | ARM 9, 32 bit RISC   |
| RAM             | 256MB  |
| Flash           | 16MB   |
| Image Sensor    | 1/3" CMOS, 2 Mega pixels   |
| Lens            | Fixed lens 3.7 mm, Mega Pixel @ F1.8   |
| Illumination    | 0.5 lux  |
| Lens Changeable | Yes, CS Mount  |
| Support DC IRIS | Yes  |
| Video Out       | 1 Analog video out (BNC connector)   |
| Audio In        | Built-in microphone  |
| Audio Out       | 1 Line out   |
| Digital I/O     | 1 In / 1 Relay out   |
| Power Supply    | CAM616M: DC 12V, 1A<br>CAM616M-PoE:<br>Use PoE: PoE Injector (IEEE 802.3af)<br>Or, use Power Adaptor: DC 12V, 1A |
| Dimensions      | W69 x H60 x D151 mm  |
| Temperature     | -10°C ~ +45°C  |

#### Network

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

#### Client Requirements

|           |   |
|-----------|---|
| OS        | Windows XP / Vista / Win 7  |
| Browser   | IE7, IE8, FireFox, Safari, Chrome, Opera                              |
| Suggested | Intel Core 2 Duo 1.66GHz, RAM: 1GB<br>Graphic card: 128MB onboard RAM |

#### System

|                      |  |
|----------------------|--|
| Video Resolution     | 1600x1200, 1280x1024, 1280x960, 1280x720, 800x592, 640x480, 320x240, 176x144 |
| Compression Format   | H.264/ MJPEG/ MPEG-4 (3GPP only)   |
| Frame Rate           | Up to 15 FPS@1600x1200<br>Up to 30 FPS@1280x720                              |
| Video Bitrate Adjust | CBR, VBR   |
| Triple Streaming     | Yes (2 for live view, 1 for 3GPP)  |
| 3GPP                 | Yes, Live view with 3G mobile phone  |
| Image Snapshot       | Yes  |
| Video Adjust         | Night Mode, Brightness, Contrast, BLC, Sharpness                             |
| 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   |

#### Event System

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

#### Package List



PoE Model doesn't include power adaptor