



## Mega-Pixel CMOS IP Camera

**CAM416 / CAM416-PoE**

- ▶ 1.3 Mega-Pixel CMOS Sensor
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ 10FPS@1280x1024, 30FPS@640x480
- ▶ 2-way audio
- ▶ Digital I/O: 2 In / 2 Out
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Embedded PoE (CAM416-PoE)
- ▶ Free 36CH recording software

**Specification****Hardware**

CPU	ARM 9, 32 bit RISC
RAM	64MB
Flash	8MB
Image Sensor	1/4" CMOS, 1.3 Mega pixels
Lens	Fixed lens 4 mm, F2.0
Illumination	1.5 lux
Lens Changeable	Yes, CS Mount
Audio In	Built-in microphone
Audio Out	1 Line out (RCA connector)
Digital I/O	2 In / 2 Out
Power Supply	CAM416: DC 12V, 1A CAM416-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1A
Dimensions	W69 x H60 x D151 mm

**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	IE7,8 / FireFox / Chrome / Opera / Safari
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB onboard RAM

**System**

Video Resolution	1280x1024, 640x480 320x240,160x120
Compression Format	MPEG-4 / MJPEG
Frame Rate	Up to 10 FPS@1280x1024 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, 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

**Event System**

Event Trigger	Motion Detection, Sensor In
Trigger Actions	Send Email, Send to FTP, Digital Out

**Package List**

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