



## Outdoor 12X PTZ Network Dome

**CAM420A / CAM420A-PoE**

- ▶ Remote Pan-Tilt-Zoom control
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ Optical Zoom: 12X
- ▶ Support SD card for local record
- ▶ 2-way audio
- ▶ Digital I/O: 1 in/ 1 out
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Optional embedded PoE (CAM420A-PoE)
- ▶ Free 36CH recording software

**Specification****Hardware**

CPU	ARM 9, 32 bit RISC
RAM	64MB
ROM	8MB
Image Sensor	1/4" CCD
Lens	Auto focus zoom lens 3.8 ~ 45.6 mm, F1.6,
Sensitivity	0.1 lux
Day/ Night	Auto, IR Cut Filter
Video Out	1 Analog video out (RCA connector)
Audio In	Built-in microphone or 3.5 mm headphone jack
Audio Out	3.5 mm headphone jack
Digital I/O	1 In / 1 Out
Water Proof	IP-66 standard
Power Supply	CAM420A: DC 5V, 2A CAM420A-PoE: Embedded PoE Splitter (IEEE 802.3af)
Dimensions	W221 x H336 x D320 mm

**Network**

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

**SD Card Management**

Recording Trigger	Motion Detection, Sensor In, IP Check, Network Disconnect
Video Format	AVI, JPEG
Video Playback	Yes

**Package List**

Camera, Power Adapter (not included with PoE model), Housing, Wall-mount Stand, Screw&Ttool, CD-ROM, Quick Installation Guide

**\*Optional Indoor Model - CAM420****System**

Video Resolution	NTSC: 720x480, 704x480, 352x240, 176x120 PAL: 720x576, 704x576, 352x288, 176x144
Compression Format	MPEG-4 / MJPEG
Frame Rate	Up to 30 FPS
Video Bitrate Adjust	CBR, VBR
Dual Streaming	Yes
3GPP	Yes, Live view with 3G mobile phone
Pan/ Tilt/ Zoom Control	Yes, remotely
Zoom Ratio	Optical: 12X, Digital: 4X
Pan/ Tilt Angle	Pan: 270°, Tilt: 120°
Preset Point	9 Preset points
Patrol	Yes, one-time per click
Auto Pan	Yes, one-time per click
Pan/ Tilt Speed Control	Yes
Motion Detection	Yes, 3 different areas
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, Save to SD Card, Digital Out

**Client Requirements**

OS	Windows 2000, XP, 2003, IE6.0
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB