



## 12X PTZ IP Dome Camera

### CAM420(W, PoE)



- ▶ Remote Pan-Tilt-Zoom control
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ Optical Zoom: 12X
- ▶ Support SD card for event recording
- ▶ 2-way audio
- ▶ Digital I/O: 1 in/ 1 out
- ▶ Embedded PoE (CAM420-PoE)
- ▶ Embedded Wireless (CAM420W)
- ▶ Free 36CH recording software

#### Specification

##### Hardware

CPU/ RAM/ Flash	ARM 9, 32 bit RISC/ 64MB/ 8MB
Image Sensor	1/4" CCD
Lens	Auto focus zoom lens 3.8 ~ 45.6 mm, F1.6
Illumination	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
Power Supply	CAM420/ CAM420W: DC 12V, 1A CAM420-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1A
Dimensions	W105 x H150 x D105 mm

##### Network

Ethernet	10/ 100 Base-T
Wireless	802.11b/g (CAM420W) WPA-PSK, WPA2-PSK, WEP 64/ 128 bit
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	Video (AVI), Snapshot (JPEG)
Video Playback	Yes

##### Package List

Camera, Power Adaptor (not included with PoE model), Ethernet Cable, Mounting Base, Screws, Antenna (CAM420W), CD-ROM, Quick Installation Guide

#### \*Optional Outdoor Model - CAM420A/ CAM420B

##### 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 XP / Vista / Win 7
Browser	IE7,8 / FireFox / Chrome / Opera / Safari
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB onboard RAM