



12X PTZ Network Dome Camera

CAM420 / CAM420W

- ▶ 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 Wireless (CAM420W)
- ▶ 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
Power Supply	DC 5V, 2A
Dimensions	W105 x H157 x D105 mm

Network

Ethernet	10/ 100 Base-T
Wireless	802.11b/g (CAM420W) WPA-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	AVI, JPEG
Video Playback	Yes

Package List

CAM420 Camera, Power Adapter, 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 2000, XP, 2003, IE6.0
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB