



## Vandal Dome IP Camera

# CAM414 / CAM414-PoE



- ▶ Vandal-proof Network Dome Camera
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ Support SD card for event recording
- ▶ 2-way audio
- ▶ Digital I/O: 1 in/ 1 Relay out
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ IP-66 waterproof standard
- ▶ Embedded PoE (CAM414-PoE)
- ▶ Free 36CH recording software

### Specification

#### Hardware

CPU	ARM 9, 32 bit RISC
RAM	64MB
Flash	8MB
Image Sensor	1/3" Sony CCD
Lens	Vari-focal 3.7 ~ 12 mm, F1.6
Illumination	0.1 lux
Video Out	1 Analog video out (BNC connector)
Audio In/ Out	1 Line in / 1 Line out (RCA connectors)
Digital I/O	1 In / 1 Relay out
Water Proof	IP-66 standard
Power Supply	CAM414: DC 12V, 1A CAM414-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1A
Dimensions	Φ138 x H105 mm

#### Network

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

#### Event System

Event Trigger	Motion Detection, Sensor In
Trigger Actions	Send Email, Send to FTP, Save to SD Card, Relay Out

#### Client Requirements

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

#### 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
Image Snapshot	Yes
Video Adjust	Brightness, Contrast, Saturation, Hue, BLC
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

#### SD Card Management

Recording Trigger	Motion Detection, Sensor In, IP Check, Network Disconnect
Video Format	Video (AVI), Snapshot (JPEG)
Video Playback	Yes
Delete Files	Yes

#### Package List

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