



## Outdoor Pan-Tilt IP Speed Dome

# CAM451A / CAM451A-PoE



- ▶ Remote Pan-Tilt control
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ 32 Preset points, patrol, auto pan
- ▶ IP66 water proof standard
- ▶ Embedded PoE (CAM451A-PoE)
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Free 36CH recording software

### Specification

#### Hardware

CPU	ARM 9, 32 bit RISC
RAM	64MB
Flash	8MB
Image Sensor	1/3" Sony Super HAD CCD, 470 TV lines
Lens	Fix Lens 6 mm, F2.0
Illumination	1 lux
Water Proof	IP-66 standard
Power Supply	CAM451A: DC 12V, 1A CAM451A-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1A
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

#### Event System

Event Trigger	Motion Detection
Trigger Actions	Send Email, Send to FTP

#### Client Requirements

OS	Windows XP / Vista / Win 7
Browser	IE7, IE8, FireFox, Safari, Chrome, Opera
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB onboard RAM

#### Package List

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

\*Optional Indoor Model - CAM451

#### 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 Control	Yes, remotely
Pan Angle	360°
Tilt Angle	90°
Pan/ Tilt Speed	Call preset: 300° /sec Auto scan: Up to 120° /sec Manually: Up to 180° /sec
Preset Point	32 Preset points
Patrol	Patrol for all points, Auto pan (the Patrol and Auto Pan action will stop automatically after 30 minutes)
Pan/ Tilt Speed Control	Yes
Focus/ Iris	Auto
Image Snapshot	Yes
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