



Outdoor 23X Day&Night IP Speed Dome

**CAM433A / CAM433A-PoE**



- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ Optical Zoom: 23X
- ▶ Optional WDR (wide-dynamic-range)
- ▶ 64 Preset points, patrol, auto pan
- ▶ 2-way audio
- ▶ Digital I/O: 2 in/ 2 Relay out
- ▶ IP66 water proof standard
- ▶ Embedded PoE (CAM433A-PoE)
- ▶ Free 36CH recording software

**Specification**

**Hardware**

CPU/ RAM/ Flash	ARM 9, 32 bit RISC/ 64MB/ 8MB
Image Sensor	1/4" Sony SuperHAD CCD, 520 TV lines
Lens	23X Zoom Lens 3.84 ~ 88.4 mm, F1.6 ~ 3.0
Day/ Night	Auto, IR Cut Filter
Illumination	ICR On: 0.005 lux ; Color mode: 0.6 lux Black/White mode: 0.1 lux
WDR	Optional WDR (wide-dynamic-range) for strong daylight
Video Out	1 Analog video out (BNC connector)
Audio In/ Out	1 Line in / 1 Line out (RCA connectors)
Digital I/O	2 In / 2 Relay Out
Water Proof	IP-66 standard
Power Supply	CAM433A: DC 12V, 3A CAM433A-PoE: <ul style="list-style-type: none"> <li>● Use PoE Injector (IEEE 802.3at)</li> <li>● High power PoE Injector is included</li> <li>● Or, use Power Adaptor: DC 12V, 3A</li> </ul>
Dimensions	W221 x H336 x D390 mm

**Event System**

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

**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 Adapter (not included with PoE model), Housing (including fan&heater), Wall-mount Stand, CD-ROM, Quick Guide

**\*Optional Indoor Model - CAM433**

**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: 23X, Digital: 10X
Pan Angle	360°, continuous
Tilt Angle	180°
Pan/ Tilt Speed Control	Yes
Pan/ Tilt Speed	Variable speed, up to 240°/sec
Preset Point	64 Preset points
Patrol	Patrol for preset 1~32, Auto pan
Focus/ Iris	Auto / Manually
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
Audio	Yes, 2-way

**Network**

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