



Outdoor 37X H.264 Day&Night IP Speed Dome

CAM647A / CAM647A-PoE



- ▶ H.264/MPEG4/MJPEG Triple mode & streaming
- ▶ Optical Zoom: 37X
- ▶ WDR(wide-dynamic-range) for strong daylight
- ▶ 128 Preset points, patrol, auto pan
- ▶ 2-way audio
- ▶ Digital I/O: 2 in/ 2 Relay out
- ▶ IP66 water proof standard
- ▶ Embedded PoE (CAM647A-PoE)
- ▶ Free 36CH recording software

Specification

Hardware

CPU/ RAM/ Flash	ARM 9, 32 bit RISC/ 256MB/ 16MB
Image Sensor	1/4" Sony ExView CCD, 560 TV lines
Lens	37X Zoom Lens 3.5 ~ 129.5 mm, F1.6 ~ 3.9
Day/ Night	Auto / Manual, Mechanical IR Cut Filter
Illumination	Color mode: 1 lux Black/White mode: 0.1 lux Slow shutter Max: 0.002 lux
WDR	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	CAM647A: DC 12V, 3A CAM647A-PoE: <ul style="list-style-type: none"> ● Use PoE Injector (IEEE 802.3at) ● High power PoE Injector is included ● Or, use Power Adaptor: DC 12V, 3A
Dimensions	W221 x H336 x D390

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, Relay Out

Package List

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

***Optional Indoor Model – CAM647**

System

Video Resolution	NTSC: 720x480, 704x480, 352x240, 176x120 PAL: 720x576, 704x576, 352x288, 176x144
Compression Format	H.264 / MJPEG / MPEG-4 (3GPP only)
Frame Rate	Up to 30 FPS
Video Bitrate Adjust	CBR, VBR
Triple Streaming	Yes (2 for live view, 1 for 3GPP)
3GPP	Yes, Live view with 3G mobile phone
Pan/ Tilt/ Zoom Control	Yes, remotely
Zoom Ratio	Optical: 37X, Digital: 12X
Pan Angle	360°, continuous
Tilt Angle	180°
Pan/ Tilt Speed	Variable speed, up to 240°/sec
Preset Point	128 Preset points
Patrol	Patrol for preset/ Pattern, Auto pan
Pan/ Tilt Speed Control	Yes
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

Client Requirements

OS	Windows XP / Vista / Win 7
Browser	IE7,IE8, FireFox, Safari, Chrome, Opera
Suggested	Intel Core 2 Duo 1.66GHz, RAM: 1GB Graphic card: 128MB onboard RAM