



37X H.264 Day&Night IP Speed Dome

CAM647



- ▶ 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
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ 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	DC 12V, 1.5A
Dimensions	Φ145 x H198 mm

Network

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

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

Package List

CAM647Camera, Power Adapter, Mounting Base, Screw&Tool, CD-ROM, Quick Installation Guide

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

Event System

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

*Optional Outdoor Model – CAM647A/ CAM647B