



23X Day&Night IP Speed Dome

CAM429



- ▶ Remote Pan-Tilt-Zoom control
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ Optical Zoom: 23X
- ▶ 32 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	ARM 9, 32 bit RISC
RAM	64MB
Flash	8MB
Image Sensor	1/4" Sony ExView CCD, 540 TV lines
Lens	23X Zoom Lens 3.6 ~ 82 mm, F1.6 ~ 3.6
Day/ Night	Auto, IR Cut Filter
Illumination	Color mode: 0.5 lux Black/White mode: 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	2 In / 2 Relay Out
Water Proof	IP-66 standard
Power Supply	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	IE7,8 / FireFox / Chrome / Opera / Safari
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB onboard RAM

Package List

CAM429 Camera, Power Adapter, Mounting Base, Screws&Tool, CD-ROM, Quick Installation Guide

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	Variable speed, up to 300°/sec
Preset Point	32 Preset points
Patrol	Patrol for all points, 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 - CAM429A/ CAM429B