H.264 VGA CMOS Day&Night IP Camera

CAM643(PoE)

‣ H.264/ MJPEG/ MPEG4 Triple mode & streaming
‣ Resolution: VGA (640x480)
‣ Support SD card for event recording
‣ Support DC IRIS
‣ 2-way audio / 1 Analog video output
‣ Digital I/O: 1 in/ 1 Relay out
‣ 3GPP for monitoring via 3G mobile phone
‣ Embedded PoE (CAM643-PoE)

Specification

Hardware

CPU/ RAM/ Flash	ARM 9, 32 bit RISC/ 128MB/ 16MB
Image Sensor	1/4" CMOS
Lens	Fixed Lens 4mm @ F2.0
Illumination	0.5 lux @ F1.5
Day/ Night	Optional Mechanism IR Cut Filter (ICR)
Lens Changeable	Yes, CS Mount
Support DC IRIS	Yes
Video Out	1 Analog video out (BNC connector)
Audio In	Built-in microphone
Audio Out	1 Line out (RCA connector)
Digital I/O	1 In / 1 Relay out
Power Supply	CAM643: DC 12V, 1A
	CAM643-PoE:
	Use PoE: PoE Injector (IEEE 802.3af)
	Or, use Power Adapter: DC 12V, 1A
Dimensions	W58 x H65 x D131.5 mm

Network

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

System

Video Resolution	640x480, 320x240, 176x144
Compression Format	H.264 / MJPEG / MPEG-4 (3GPP only)
Frame Rate	Up to 30 FPS@640x480
Video Bitrate Adjust	CBR, VBR
Triple Streaming	Yes (2 for live view, 1 for 3GPP)
3GPP	Yes, Live view with 3G mobile phone
Video Adjust	Night Mode, Brightness, Contrast, BLC, Sharpness
Motion Detection	Yes, 3 different areas
Pre/ Post Alarm	Yes, configurable
Privacy Mask	Yes, 3 different areas
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, Save to SD Card, Relay Out

SD Card Management

Recording Trigger	Motion Detection, Sensor In, IP Check, Network Disconnect
Video Format	Video (AVI), Snapshot (JPEG)
Schedule	Snapshot during schedule
Video Playback / Delete	Yes

Package List

Camera, Power Adapter (not included with PoE model), Ethernet Cable, Tool, CD-ROM, Quick Guide

* Specifications are subject to change without notice