



H.264 Starlight CCD IP Camera

CAM614(W, PoE)



- ▶ H.264/ MJPEG/ MPEG4 Triple mode & streaming
- ▶ Built-in WDR(Wide Dynamic Range)
- ▶ Built-in DNR (Digital Noise Reduction)
- ▶ Illumination : 0.00001 lux@F1.5
- ▶ Support SD card for event recording
- ▶ 2-way audio / 1 Analog video output
- ▶ Digital I/O: 1 in/ 1 Relay out
- ▶ 8 steps manual shutter
- ▶ Embedded Wireless (CAM614W)

Specification

Hardware

CPU/ RAM/ Flash	ARM 9, 32 bit RISC/ 256MB/ 16MB
Image Sensor	1/3" CCD
Lens	Fixed Lens 6 mm
Illumination	0.00001 lux@F1.5
Day/ Night	Optional Mechanism IR Cut Filter (ICR, Fixed Lens 8 mm)
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	CAM614/ CAM614-W: DC 12V, 1A CAM614-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
Wireless	802.11b/g (CAM614W) WEP,WPA-PSK,WPA2-PSK
Network Protocol	HTTP, TCP/IP, UDP, 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

System

Video Resolution	NTSC: 720x480,704x480, 352x240, 176x144 PAL : 720x576, 704x576, 352x288, 176x144
Compression Format	H.264 / MJPEG / MPEG-4 (3GPP only)
Frame Rate	30FPS@720x480
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	Brightness, Contrast, Saturation, Hue, Sharpness, AES, Manual shutter, IRIS, BLC, Day/Night mode, 3D DNR, WDR, Flip/Mirror, 8 steps manual shutter
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, 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 /	Yes

Package List

Camera, Power Adapter (not included with PoE model), Ethernet Cable, Antenna(CAM614W), Tool, CD-ROM, Quick Guide