



Mega-Pixel Progressive CCD IP Camera

CAM431/CAM431W/CAM431-PoE



- ▶ Mega-Pixel Sony progressive CCD
- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ 2-way audio
- ▶ Digital I/O: 2 in/ 2 out
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Optional IR Cut Filter for day & night functionality
- ▶ Embedded PoE (CAM431-PoE)
- ▶ Embedded Wireless (CAM431W)
- ▶ Free 36CH recording software

Specification

Hardware

CPU	ARM 9, 32 bit RISC
RAM	64MB
Flash	16MB
Image Sensor	1/3" Sony Progressive CCD, 520 TV lines
Lens	Fixed Lens 8mm, F2.0
Illumination	0.1 lux
Day/Night	Optional Mechanism IR Cut Filter (ICR)
Lens Changeable	Yes, CS Mount
Support DC IRIS	Yes
Video Out	1 Analog video out with BNC connector (for lens adjustment only)
Audio In	Built-in microphone
Audio Out	1 Line out (RCA connector)
Digital I/O	2 In / 2 Out
Power Supply	CAM431 / CAM431W : DC12V, 1A CAM431-PoE: Use 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	80211b/g (CAM431W) WPA-PSK, WPA2-PSK, WEP 64//128 bit
Network Protocol	HTTP, TCP/IP, RTP/RTSP, 3GPP, NTP, SMTP, FTP, PPPoE, DHCP, DDNS, UPnP

Package List

Camera, Power Adapter (not included with PoE model), Ethernet Cable, CD-ROM, Tool, Antenna(CAM431W), Quick Guide

System

Video Resolution	MJPEG: 1280x960, 640x480 MPEG-4: 640x480, 320x240, 176x144
Compression Format	MPEG-4 / MJPEG
Frame Rate	MJPEG: Up to 15 FPS@1280x960 MPEG-4: Up to 30 FPS@640x480
Video Bitrate Adjust	CBR, VBR
Dual Streaming	Streaming 1: MJPEG Streaming 2: MPEG-4
3GPP	Yes, Live view with 3G mobile phone
Image Snapshot	Yes
Video Adjust	Brightness, Contrast, Saturation, Hue, Sharpness, AES, BLC, AGC, Day/Night
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, Digital Out

Client Requirements

OS	Windows 2000, XP, 2003, IE6.0
Suggested	Intel-C 2.8G, RAM: 512MB, Graphic card: 64MB onboard RAM