



Progressive CCD IP Camera

CAM445/CAM445W/CAM445-PoE



- ▶ Sony progressive CCD
- ▶ Built-in IR Cut Filter for day & night functionality
- ▶ MPEG4 / MJPEG Dual mode & Triple streaming
- ▶ 2-way audio
- ▶ Support SD card for event recording
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Embedded PoE (CAM445-PoE)
- ▶ Embedded Wireless (CAM445W)
- ▶ Free 36CH recording software

Specification

Hardware

CPU/ RAM/ Flash	ARM 9, 32 bit RISC/ 128MB/ 32MB
Image Sensor	1/4" Sony Progressive CCD, 520 TV lines
Lens	Fixed Lens 8 mm, F2.0
Illumination	0.1 lux
Day/ Night	Built-in IR Cut Filter (ICR)
Lens Changeable	Yes, CS Mount
Support DC IRIS	Yes
Video Out	1 Analog video out (BNC connector)
Audio In/ Out	Microphone/ 1 Line out (RCA connector)
Digital I/O	2 In / 2 Out
Power Supply	CAM445/ CAM445W: DC 12V, 1A CAM445-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1A
Dimensions	W58 x H65 x D131.5 mm

Network

Ethernet	10/ 100 Base-T
Wireless	802.11b/g (CAM445W) WPA-PSK, WPA2-PSK, WEP 64/ 128 bit
Network Protocol	HTTP, TCP/IP, RTP/RTSP, 3GPP, NTP, SMTP, FTP, PPPoE, DHCP, DDNS, UPnP

Event System

Event Trigger	Motion Detection, Sensor In
Trigger Actions	Send Email, Send to FTP, Save to SD Card, Digital Out

Package List

Camera, Power Adaptor (not included with PoE model), Ethernet Cable, CD-ROM, Tool, Antenna (CAM445W), Quick Guide

System

Video Resolution	640x480, 320x240, 176x144
Compression Format	MPEG-4 / MJPEG
Frame Rate	Up to 30 FPS
Triple Streaming	Streaming 1: MPEG-4 Streaming 2: MJPEG Streaming 3: 3GPP (for 3G connection only)
Mobile View	Yes, Live view with 3G mobile phone
Video Bitrate Adjustment	CBR, VBR
Image Snapshot	Yes
Video Adjust	Brightness, Contrast, Saturation, 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

Client Requirements

OS	Windows XP / Vista / Win 7
Browser	IE7, IE8, FireFox, Safari, Chrome, Opera
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB onboard RAM

SD Card Management

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