



## CCD Box IP Camera

### CAM413(W, PoE)



- ▶ MPEG4 / MJPEG Dual mode & Dual streaming
- ▶ 30FPS@720x480
- ▶ Support SD card for event recording
- ▶ 2-way audio
- ▶ Digital I/O: 2 in/ 2 out
- ▶ 3GPP for monitoring via 3G mobile phone
- ▶ Embedded PoE (CAM413-PoE)
- ▶ Embedded Wireless (CAM413W)
- ▶ Free 36CH recording software

#### Specification

##### Hardware

CPU	ARM 9, 32 bit RISC
RAM	64MB
Flash	8MB
Image Sensor	1/3" Sony SuperHad CCD, 520 TV lines
Lens	Fixed Lens 6 mm, F1.6
Illumination	0.05 lux
Day/ Night	Optional removable 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	2 In / 2 Out
Power Supply	CAM413/ CAM413W: DC 12V, 1A CAM413-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 (CAM413W) 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 (CAM413W), Quick 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
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, Digital Out

##### 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

##### Client Requirements

OS	Windows XP / Vista / Win 7
Browser	IE7,8 / FireFox / Safari / Chrome / Opera
Suggested	Intel-C 2.0G, RAM: 512MB, Graphic card: 64MB onboard RAM