

C1212HW-POE

OUTDOOR IR IP CAMERA with PoE



H.264, Duplex audio, Hi power IR LEDs, optional POE

Solwise C1212HW-POE IP Camera offers a cost-effective, outdoor IP camera solution for remote monitoring and security surveillance over a local area network or the Internet. **Optional industrial standard IEEE802.3af POE makes the wiring easier, only standard UTP Cat. 5 ethernet cable required to carry both data and 48V power, no extra electric cable required**, The camera is ideal for use in small or mid-sized businesses and homes, it is also easy to set up and use.

Solwise C1212HW-POE is an embedded IP camera device designed for network video surveillance applications. Optimized H.264 video compression algorithm assures clearer and more fluent image transmission. It uses **420 TVL 1/3" Sony CCD**, the latest techniques and high integration single chip SOC with powerful Linux RTOS (Real-time Operating System) to realize high performance and low cost digital multimedia process. Built-in Web Server allows users to conveniently carry out remote control via Internet Explorer. Furthermore, **Central Management Software** can be used for integrated surveillance and management of multiple network cameras, so it is very easy to build large video surveillance system.

Performance:

- SOC single chip solution, equipped with two processors, ARM9 and DSP

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- Support high sensitivity **CCD sensor**
- H.264 baseline profile @ Level 2.2, realize transmission of High Definition video over low network bandwidth easily.
- Up to 30 frames per second in all resolutions ranging up to 704 x 576
- Up to 10 viewers can directly access the camera simultaneously
- Built-in Web server enables the use of a standard Web browser for viewing and management
- Support remote software upgrade safely function
- Support dynamic IP address (DDNS), LAN, Internet (ADSL PPPoE & DHCP)
- Network protocols: HTTP, TCP/IP, UDP, RTP, RTSP, SMTP, PPPoE, DDNS, DNS, SMTP, BOOTP, DHCP, FTP, and SNMP
- **Support Bi-directional realtime transmission of audio talk-back & broadcast.**
- Network self-adapting technology to adjust video frame rate automatically according to the network bandwidth.
- Auto-recovery function if exception occurs and auto-connection if the network fails
- Provide SDK and client demo source code.
- **CMS** that can manage up to 1728 cameras in 48 groups, display maximum 36 cameras video on single screen, support video lost、motion detection and sensors alarm functions, Able to set 396 detective zones (22 x 18) and 100 levels sensitivity
- Support masks function to mask sensitive area.
- Support **active & passive mode** access, support GSM/ CDMA network or private network without public IP.
- Supports SD card up to 2GB, can store recording and snapshots locally (optional).
- **Optional IEEE 802.3af Industrial standard POE-PD**
- IP64 Weather proof
- 35 high efficiency IR LEDs

Technical parameters:

Imagine Sensor: 420 TVL, 1/3 Sony CCD, Day/ Night

Lens: Optional Auto IRIS, zoom lens (lens is not included in standard package)

Video compression: H.264 baseline profile @Level 2.2

Video Resolution: PAL: 352x288 (CIF) ,704x288 (2CIF) ,704x576 (D1)

NTSC: 352x240 (CIF) 704x240 (2CIF, 704x480 (D1)

Adjustment of Video Parameters: Brightness, hue, contrast, saturation and image quality

Streaming Format: Optional streaming format (video streaming or audio & video streaming)

Video Frame Rate: PAL: 1 - 25 frames/second

NTSC: 1 - 30 frames/second

Video Compression Bit Rate: 16Kbit/S~3Mbit/S, constant bit rate or variable bit rate

Audio Input: 1 channel linear input, Impedance:1k

Audio Compression: MP3

Audio Output: 1 channel linear output

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Audio talk-back input: 1 channel, MIC interface

Supported Protocols: TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, NTP, IPsec, RTP, RTCP, RTSP

System Interface: 10 Base-T/100Base-TX Ethernet port; 1 RS485 port, 1 RS232 port;

Alarm Input: 1 channel on/off input, supporting NO (normally open) or NC (normally close) sense

Alarm Output: 1 channel on/off output, Contact rating 220VAC 1A/ 24VDC 1A

Dimensions (mm, L x H x W): 260 x 115 x 100

Weight (g): 950

Input Power Supply: **Optional IEEE 802.3af Industrial standard POE-PSE**

Maximum Power: Less than 8W, **DC 48V**

IEEE 802.3af Industrial standard POE-PD

Operating Temperature: -10 ~ +55 °C

Storage Temperature: -20 ~ +70 °C

Weather Proof: IP64

IR Light : 30 meters

System Requirements: Operation System: Microsoft Windows XP

Browser: Microsoft Internet Explorer 6.x or above