

# FW1170-VQ

H.264/MJPEG VGA Cube Camera



## Key Features

- 1/4" VGA CMOS Sensor
- 4.3mm(F2.0) Fixed Lens
- Min. Illumination: 1Lux
- Max. 30fps@VGA(640x480)
- Dual Stream(H.264, MJPEG)

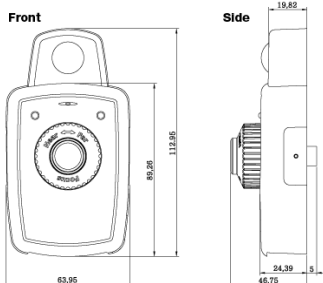
Onboard storage by Micro SD  
External PoE Adapter (Optional)  
WIFI USB Dongle (Optional)

**Supports both ONVIF(ProfileS) and PSIA(v1.0) standards.**

<b>Video Encoding</b>	H.264/MJPEG(simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control
<b>Video signal</b>	N/A
<b>Resolution</b>	640x480, 320x240, 160x120
<b>Live Casting</b>	Streaming video channels with full duplex live audio Up to max 30fps@ VGA when simplex
<b>Audio Encoding</b>	8bit G.711, 8KHz, 8KByte/sec
<b>Audio channels</b>	1ch audio-in(Built in MIC) & 1ch audio-out
<b>PTZ support</b>	PTZ and UART device control through serial port(RS232 / RS485) (Support protocols; Pelco "P" & "D", Vicon V1311RB, Samsung PTZ, Honeywell PTZ and X10 and Epson Printer)
<b>Serial Interface</b>	COM Port: RS-232, for console, serial input/output device AUX Port for PTZ or other RS485 device Max. Baud rate: 115200 bit/s
<b>Bandwidth Management</b>	Frame rate control / Bandwidth control / CBR / VBR
<b>Alarm Management</b>	[ Trigger Condition ] Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule [ Alarm Service ] Image holding service (Max 5.6MByte pre-post alarm buffer), Image upload service through E-mail / FTP (support pre & post), Notification service through TCP / UDP / HTTP
<b>Security</b>	Channel based user password protection for live-cast, PTZ, alarm output and audio
<b>Dynamic IP</b>	Dynamic IP service using www.ipcctvdns.com
<b>Smart Solution</b>	Smart Phone Application (IOS, Android)
<b>Web interface</b>	Live-cast, PTZ control, search through Web browser Minimum PC requirement - Windows XP Pro (IE 6.x or later) , Pentium4 (2Ghz, 2G RAM), Video Card(256MB RAM, 1024x768)
<b>Management Software</b>	Supports 16, 32, 64, 128ch Management Software Full-featured PC NVR with matrix functionality
<b>System Integration</b>	[ Protocol ] HTTP, RTP/RTSP, TCP/IP, FTP, Telnet, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPNP, and etc. [ SDK ] Open HTTP API / ActiveX for live cast with audio & PTZ [ Service ] Image upload / notification service / service for POS integration

<b>Installation &amp; maintenance</b>	Configuration by installation wizard, HTTP, telnet and console. Upgrade firmware through HTTP, telnet & FTP
<b>Misc.</b>	Transmit serial input data with video Quick Time & VLC media player compatible
<b>System hardware</b>	32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash
<b>Power</b>	SMPS 12V (1A) [AC100~240V, 50/60Hz, 300mA] Max. Power Consumption - DC12V, 1.8W
<b>Approvals</b>	KC, FCC, CE, RoHS
<b>Dimension / Weight</b>	64(W) x 47(D) x 113(H) (in mm) About 160g without Power Supply
<b>External Interface</b>	10/100-Base-T Ethernet (auto-sensing) 1 photo-coupled or 1 digital inputs (NC/NO selectable), 1 relay outputs 1 audio input / 1 audio output 1 serial ports (COM: RS-232) 1 Micro SD memory interface 1 USB interface Factory Default Button
<b>Working Environment</b>	Temperature: 0~50 ℃, Humidity: 20~80% RH
<b>Image sensor</b>	1/4" optical format CMOS Sensitivity: 1500mV/lux sec MAX Active pixel resolution: 652x488 S/N ratio: 46dB White Balance: AWB
<b>Lens</b>	3.6mm, Fixed, F1.8
<b>Image Setting</b>	Exposure Control Brightness/Contrast Control Mirror Control (Normal/Mirror/Flip/Rotate) Frequency Control (50/60)
<b>Minimum illumination</b>	1 Lux
<b>Options</b>	External PoE Adapter (IEEE 802.3af) WIFI USB Dongle (801.11b/g)

## Dimensions



## Accessory

