

H.264/MJPEG IR Bullet 1.3M Network Camera

FW1179-MS is a professional 1.3M Network camera offering easy installation with bullet type style housing and excellent and clear image quality at night with IR illuminator. FW1179-MS has progressive scan Panasonic MOS sensor with a mechanical IR Cut Filter, so as to generate more vivid and crystal clear image under low light condition comparing to CMOS mega pixel camera

FW1179-MS delivers real time live video at a rate up to 30 fps@1.3M over the TCP/IP network. It supports H.264 stream for the less network bandwidth and storage space as well as maximum flexibility and integration possibilities with standard MJPEG

FW1179-MS is integrated into various well known CMS application partners and standard ONVIF or PSIA interfaced S/W. It is used to monitor, record, and play back by FlexWATCH CMS application.

FW1179-MS provides flexible installation and scalability with its easily installable shape and high video quality and high performance. It is widely used as a surveillance system for unmanned facilities, retail stores, accommodations, gas stations, etc. Having an advantage of flexibility of network video devices and digital interfacing to other systems, and it is also interoperated with various applications like as POS, Access Control, and Building Automation.

Key Features

High Performance Streaming Engine

H.264 / MJPEG Dual encoding & transmission
Max. 30 fps live view @ 1280X1024
Max. 16 simultaneous users' connection
Low latency transmission

The Best possible Video Quality

1.3M(1280X1024)/ HD Resolution
1/3" Panasonic Progressive Scan MOS
Better quality in low light condition than CMOS
3.6 ~ 16mm Megapixel Auto DC IRIS lens

IR illuminator

50 pcs 850nm Infrared LEDs,, 30° IR Range
30 meter IR distance (max.)

Mechanical

Easily adjustable 3-axis bracket included
Vandal Resistant Aluminum Cylindrical Housing (Bullet type)
Sunshield Cover
IP66 (Dust/Water proof)

Programmability

Privacy Mask Zone
Motion Detection
Auto Exposure, Auto Gain Control
Auto / Manual Shutter speed

Supports ONVIF & PSIA Standards

FlexWATCH[®] network cameras support both ONVIF and PSIA video standards.



Technical Specifications



FW1179-MS

Video Encoding Mode	H.264/MJPEG(simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control	System Integration Features	[Protocol] HTTP, RTP/RTSP, Multicast, TCP/IP, ARP, ICMP, Telnet, Ftp, PPPoE, SMTP, DHCP, NTP, uPNP, and etc. [SDK] Open HTTP API / ActiveX for live cast with audio & PTZ [Service] Image upload / notification service / special service for POS integration
Video signal	N/A	Installation & maintenance	Configuration: installation wizard, HTTP, telnet and console. Upgrade firmware: HTTP, telnet & ftp.
Resolution	1.3M - 1280x1024 HD - 1280x720 VGA - 640x352 CIF - 320x176 QCIF - 160x96	Misc.	OSD (On-Screen Display) Transmit serial input data with video Quick Time & VLC media player compatible
Live Casting	Streaming video channels with full duplex live audio Up to max 30fps@ 1.3M when simplex	System hardware	32bit RISC CPU / Embedded Linux / 128MByte SDRAM / 128MByte Flash
Audio Encoding	N/A	Power	Power Supply - SMPS 12V (3A) [AC100~240V, 50/60Hz, 1.2A] Power Consumption - DC12Volt, 900mA
Audio channels	1ch audio-in & 1ch audio-out	Approvals	KCC, FCC(Class A), CE(Class A), RoHS
PTZ support	N/A	Dimension / Weight	92.8 Ø x 235.8(L) x 125.8(H) (in mm) About 1.1kg without power supply
UART support	Console, By-pass command to control UART device X10 device command to control device over power line, Modem Support (ISDN, PSTN and GSM)	External Interface	1 composite output (75 ohm/Hi-Z) 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 2 serial ports (COM: RS-232, AUX: RS-485) 1 MicroSD memory interface 1 USB memory interface Factory Default Button
Bandwidth Management	Frame rate control / Bandwidth control / CBR / VBR	Working Environment	Temperature : 32 ^o ~122 ^o F (0 ^o ~50 ^o C) Humidity : 20~80% RH
Alarm Management	[Trigger Condition] Video loss / Video recovered / Motion detection (144 area) / 1ch alarm inputs / Boot finished / Serial input / 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 / 1 alarm outputs	CMOS Image sensor	1/3" progressive scan MOS Active pixels 1280H x 1024V, 1.31M Effective pixels 1376H x 1070V, 1.47M Pixel size: 3.75 (H) µm x 3.75 (V) µm Color filter Bayer arrangement of primary colors: R, G, B Bit number of internal ADC: 12 bits Parallel output: 54 MHz, 12 bits Output frame rate: 30 fps
Security	Channel based user password protection for live-cast, PTZ, alarm output and audio	Lens	Auto IRIS & Vari-focal 3.6 - 16.0 mm F1.2
Dynamic IP Support	Dynamic IP service using www.ipcctvdns.com	Image Setting	Day & Night (ON/OFF) AGC, AWB Lens (MANUAL/DC) Shutter (MANUAL/AUTO) Vertical/Horizontal Flip Frequency Control (50/60) Brightness/Contrast/Sharpness Control
Software (default Web interface)	Live-cast, PTZ control, search through Web browser (Minimum PC requirement - XP Pro / IE 6.x or later) - Pentium4, 2Ghz, 2G(RAM) - Video Card(256MB RAM, 1024x768)	Minimum illumination	Color: 0.1 Lux (F1.0) B*W: 0.01 Lux (F1.0/TDN), 0.02 Lux(F1.0/without TDN)
Management Software	Supports 16, 32, 64, 128ch Management Software Full-featured PC NVR with matrix functionality	Optional External Device	Power Over Ethernet: IEEE 802.3af Internal (built-in board) / External (FW-PoE) Type

* All specifications are subject to change without prior notice.

