

FW1176-TS

H.264/MJPEG 3M Plastic Dome Camera



Key Features

1/2.8" 3.2M PS CMOS Sensor

3-8mm(F1.4) V/F Lens

Min. Illumination: 0.002Lux

Max. 15fps@3M(2048x1536) / 30fps@2M(1920x1080)

Dual Stream(H.264, MJPEG)

Onboard storage by Micro SD

Built-in PoE (Optional)

24 IR LED (Optional)

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

Video Encoding	H.264/MJPEG(simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control
Video signal	1 Analog(NTSC only) Output (Optional)
Resolution	(3M mode) 2048x1536, 1280x1024, 640x480, 352x240, 160x112 (2M mode) 1920x1080, 1280x720, 640x352, 320x176, 160x96
Live Casting	Streaming video channels with full duplex live audio Up to max 15fps@ 3M when simplex
Audio Encoding	8bit G.711, 8Khz, 8KByte/sec
Audio channels	1ch audio-in & 1ch audio-out
PTZ support	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)
Serial Interface	COM Port: RS-232, for console, serial input/output device AUX Port for PTZ or other RS485 device Max. Baud rate: 115200 bit/s
Bandwidth Management	Frame rate control / Bandwidth control / CBR / VBR [Trigger Condition] Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule
Alarm Management	[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
Security	Channel based user password protection for live-cast, PTZ, alarm output and audio
Dynamic IP	Dynamic IP service using www.ipcctvdns.com
Smart Solution	Smart Phone Application (IOS, Android)
Web interface	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)
Management Software	Supports 16, 32, 64, 128ch Management Software Full-featured PC NVR with matrix functionality
System Integration	[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

Installation & maintenance	Configuration by installation wizard, HTTP, telnet and console. Upgrade firmware through HTTP, telnet & FTP
Misc.	Transmit serial input data with video Quick Time & VLC media player compatible
System hardware	32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash
Power	Power Supply - SMPS 12V (1A) [AC100~240V, 50/60Hz, 300mA] Max. Power Consumption - DC12V, 6.6W
Approvals	KC, FCC, CE, RoHS
Dimension / Weight	148 Ø x 121 (H) (in mm) 560g without Power Supply
External Interface	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 Micro SD memory interface Factory Default Button
Working Environment	Temperature: 0~50 ℃, Humidity: 20~80% RH
Image sensor	1/2.8" progressive scan CMOS Total number of pixels: 2096H×1561V=3.2M Pixel size : 2.5 (H) μm × 2.5 (V) μm Color filter Bayer arrangement of primary colors: R, G, B Bit number of internal ADC: 10/12 bits Parallel output: 37.125 MHz, 10/12 bits Maximum frame rate in all-pixel scan mode: 60/30 fps
Lens	3-8mm, V/F, F1.4
Image Setting	Day & Night (Auto/B&W/Off) Auto White Balance Noise Filter (Off/On) Brightness/Contrast/Sharpness/AGC Gain Control Lens Type (DC/Manual) Shutter (Manual/Auto) Vertical/Horizontal Flip Sens Up Level Frequency Control (50/60)
Minimum illumination	0.0016 Lux
Options	Built-in PoE (IEEE 802.3af) 24 IR LED

Dimensions

