

## FW1175-WM

H.264/MJPEG 2M WDR Motorized Vandal Dome Camera

## Key Features

1/3" 2.22M PS MOS Sensor

2.8-10mm(F1.2) V/F 2Motor Lens / 3.5-16mm(F1.2) V/F 2Motor Lens

Min. Illumination: 0.0016Lux

Max. 30fps@2M(1920x1080)

Dual Stream(H.264, MJPEG)

Onboard storage by Micro SD

Built-in PoE (Optional)

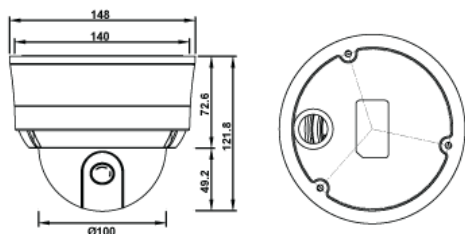
Supports both ONVIF(ProfileS) and PSIA(v1.0) standards.



|                      |                                                                                                                                                                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Encoding       | H.264/MJPEG(simultaneous dual stream)<br>H.264/H.264 (true H.264 dual streaming)<br>Simultaneous streaming with independent control                                                                                                                                                                        |
| Video signal         | 1 Analog(NTSC only) Output (Optional)                                                                                                                                                                                                                                                                      |
| Resolution           | 1920x1080, 1280x720, 640x352, 320x176, 160x96                                                                                                                                                                                                                                                              |
| Live Casting         | Streaming video channels with full duplex live audio<br>Up to max 30fps@ 2M 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)<br>(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<br>AUX Port for PTZ or other RS485 device<br>Max. Baud rate: 115200 bit/s                                                                                                                                                                        |
| Bandwidth Management | Frame rate control / Bandwidth control / CBR / VBR                                                                                                                                                                                                                                                         |
| Alarm Management     | [ Trigger Condition ] Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule<br>[ 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<br>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<br>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.<br>[ SDK ] Open HTTP API / ActiveX for live cast with audio & PTZ<br>[ Service ] Image upload / notification service / service for POS integration                                  |

|                            |                                                                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation & maintenance | Configuration by installation wizard, HTTP, telnet and console.<br>Upgrade firmware through HTTP, telnet & FTP                                                                                                                                                                                                             |
| Misc.                      | Transmit serial input data with video<br>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]<br>Max. Power Consumption - DC12V, 9.6W                                                                                                                                                                                                                          |
| Approvals                  | IP66, KC, FCC, CE, RoHS                                                                                                                                                                                                                                                                                                    |
| Dimension / Weight         | 148 Ø x 121 (H) (in mm) (1.0 kg impact-resistant casing)<br>940g without Power Supply                                                                                                                                                                                                                                      |
| External Interface         | 10/100-Base-T Ethernet (auto-sensing)<br>1 photo-coupled or 1 digital inputs (NC/NO selectable), 1 relay outputs<br>1 audio input / 1 audio output<br>2 serial ports (COM: RS-232, AUX: RS-485)<br>1 Micro SD memory interface<br>Factory Default Button                                                                   |
| Working Environment        | Temperature: -10~50 °C, Humidity: 10~90% RH                                                                                                                                                                                                                                                                                |
| Image sensor               | 1/3" progressive scan MOS<br>Total number of pixels: 2010Hx1108V=2.22M<br>Pixel size : 2.75 (H) µm × 2.75 (V) µm<br>Color filter Bayer arrangement of primary colors: R, G, B<br>Bit number of internal ADC: 10/12 bits<br>Parallel output: 37.125 MHz, 10/12 bits<br>Maximum frame rate in all-pixel scan mode: 60/30 fps |
| Lens                       | 2.8-10mm, V/F, 2Motor, F1.2 / 3.5-16mm, V/F, 2Motor, F1.2                                                                                                                                                                                                                                                                  |
| Image Setting              | WDR(30fps)/3D DNR/DIS<br>Day & Night (Auto/B&W/Off)<br>Auto White Balance<br>Noise Filter (Off/On)<br>Brightness/Contrast/Sharpness/AGC Gain Control<br>Lens Type (DC/Manual)<br>Shutter (Manual/Auto)<br>Vertical/Horizontal Flip<br>Sens Up Level<br>Frequency Control (50/60)                                           |
| Minimum illumination       | 0.0016 Lux                                                                                                                                                                                                                                                                                                                 |
| Options                    | Built-in PoE (IEEE 802.3af)                                                                                                                                                                                                                                                                                                |

## Dimensions



## Accessory

