

# FW1175-FF (1 Series)

H.264/MJPEG Cost-effective 2M Vandal Dome Camera



## Key Features

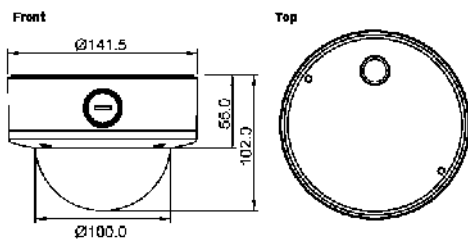
- 1/2.9" 2.43M PS CMOS Sensor
- 3.8mm(F2.0) Fixed Lens
- Min. Illumination: 0.0016Lux
- Max. 30fps@2M(1920x1080)
- Dual Stream(H.264, MJPEG)
- Onboard storage by Micro SD (Option)
- Built-in PoE (Optional)
- 30 IR LED (Optional)

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

|                             |   |
|-----------------------------|---|
| <b>Video Encoding</b>       | H.264/MJPEG(simultaneous dual stream)<br>H.264/H.264 (true H.264 dual streaming)<br>Simultaneous streaming with independent control   |
| <b>Video signal</b>         | N/A   |
| <b>Resolution</b>           | 1920x1080, 1280x720, 640x352, 320x176, 160x96   |
| <b>Live Casting</b>         | Streaming video channels<br>Up to max 30fps@ 2M when simplex  |
| <b>Audio Encoding</b>       | N/A   |
| <b>Audio channels</b>       | N/A   |
| <b>PTZ support</b>          | N/A   |
| <b>Serial Interface</b>     | Console, By-pass command to control UART device<br>Serial Input/Output mode ( 3.3V TTL )  |
| <b>Bandwidth Management</b> | Frame rate control / Bandwidth control / CBR / VBR<br>[ Trigger Condition ] Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule   |
| <b>Alarm Management</b>     | [ 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<br>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<br>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.<br>[ SDK ] Open HTTP API / ActiveX for live cast with audio & PTZ<br>[ Service ] Image upload / notification service / service for POS integration |

|                                       |   |
|---------------------------------------|---|
| <b>Installation &amp; maintenance</b> | Configuration by installation wizard, HTTP, telnet and console.<br>Upgrade firmware through HTTP, telnet & FTP  |
| <b>Misc.</b>                          | Transmit serial input data with video<br>Quick Time & VLC media player compatible   |
| <b>System hardware</b>                | 32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash  |
| <b>Power</b>                          | Power Supply - SMPS 12V (1A) [AC100~240V, 50/60Hz, 300mA]<br>Max. Power Consumption - DC12V, 4.8W   |
| <b>Approvals</b>                      | IP66, KC, FCC, CE, RoHS   |
| <b>Dimension / Weight</b>             | 145 Ø x 120 (H) (in mm) (1.0 kg impact-resistant casing)<br>885g without Power Supply   |
| <b>External Interface</b>             | 10/100-Base-T Ethernet (auto-sensing)<br>1 DI/DO(3.3V TTL)<br>1 UART port(3.3V TTL)<br>Factory Default Button   |
| <b>Working Environment</b>            | Temperature: -10~50 °C, Humidity: 10~90% RH   |
| <b>Image sensor</b>                   | 1/2.9" progressive scan CMOS<br>Total number of pixels: 2000Hx1241V=2.48M<br>Pixel size : 2.5 8 (H) µm x 2.5 8 (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 |
| <b>Lens</b>                           | 3.8, fixed, F2.0<br>Day & Night (Auto/B&W/Off)<br>Auto White Balance<br>Noise Filter (Off/On)<br>Brightness/Contrast/Sharpness/AGC Gain Control<br>Shutter (Manual/Auto)<br>Vertical/Horizontal Flip<br>Sens Up Level<br>Frequency Control (50/60)  |
| <b>Image Setting</b>                  |   |
| <b>Minimum illumination</b>           | 0.0016 Lux  |
| <b>Options</b>                        | Built-in PoE (IEEE 802.3af)<br>30 IR LED  |

## Dimensions



## Accessory

