2M Motorized Dome
FW1176-FM

Nable Communications

Dimensions

145
140
72.6
121.8
49.2
Ø100

Full HD(2M) | H.264 MJPEG | 30fps | TDN | 27IR | PoE
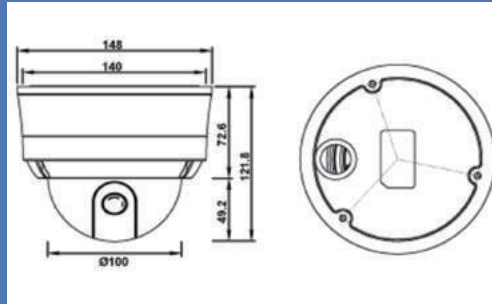
Key Features

1/2.9" 2.48M PS CMOS Sensor
2.8-12mm(F1.2) Motorized Auto Focus Lens
Min. Illumination: 0.0016 Lux
Max. 30fps@2M(1920x1080)
Dual Stream(H.264, MJPEG)
Onboard storage by Micro SD
Built-in PoE (Optional)
27 IR LED (Optional)
3.5-16mm(F1.2) Motorized Auto Focus Lens (Optional)
Supports both ONVIF(ProfileS) and PSIA(v1.0) standards
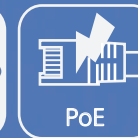
Powered by AllLink™

Plug & Play - No port forwarding, no DDNS configuration
Cost Saving - Maximized P2P connectivity
Security - 2-step authentication, E2E encryption
Video Quality Assurance - FluX technology

Video Encoding	H.264/MJPEG (simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control
Video signal	Analog(NTSC only) Output (Optional)
Resolution	1920x1080, 1280x720, 640x352, 320x176, 160x96
Live Casting	Streaming video channels with full duplex live audio 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) (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
Alarm Management	[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
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	Supports 16, 32, 64, 128ch Management Software
Software	Full-featured PC NVR with matrix functionality
System Integration	[Protocol] HTTP, RTP/RTSP(Unicast/Multicast), TCP/IP(V4/V6), UDP, FTP, Telnet, HTTPS, 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 / POS integration

Installation & maintenanc	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] Max. Power Consumption - DC12V, 9W
Approvals	KC, FCC, CE, RoHS
Dimension / Weight	100Ø x 148(L) x 121.8(H) (in mm) About 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	1/2.9" progressive scan CMOS Total number of pixels: 2000H×1241V=2.48M Pixel size : 2.5 8 (H) μm × 2.5 8 (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	2.8-12mm, Motorized Auto Focus, F1.2
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) 27 IR LED 3.5-16mm, Motorized Auto Focus, F1.2