Brickcom

Megapixel Day & Night
Fixed Dome Network Camera

v1.1

FD-301Af

HDTV 1080p ● Cost Effective

▪ Megapixel High Resolution Indoor Fixed Dome Camera

▪ HDTV Quality (Full HD 1080p @ 25fps Streaming)

▪ Cost Effective/ Full Features Camera

▪ Easy Installation Dome Type Camera, Suitable for Project

▪ Build In IR Leds, effective up to 10 m

▪ MPEG-4, MJPEG and H.264 Triple Codec Compression

▪ **Intelligent Multi-Profile Sensor Management**® for Different Environments

▪ Removable IR-cut Filter / Auto Light Sensor for Day and Night

▪ 1 DI/DO for External Alarm and Sensor Device

▪ Two-way Audio

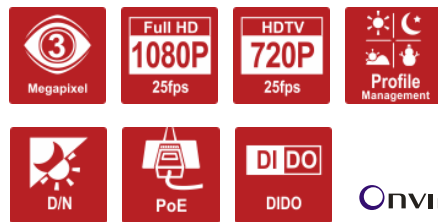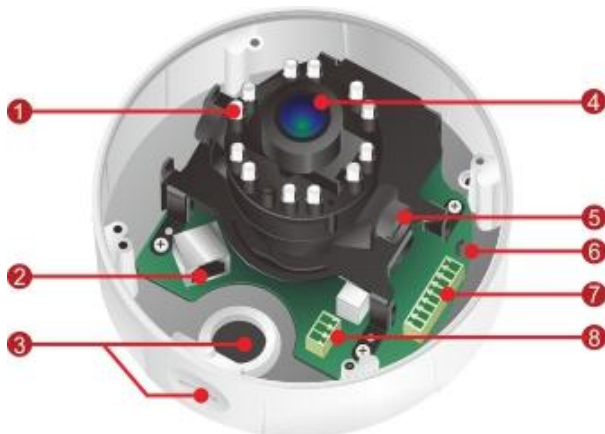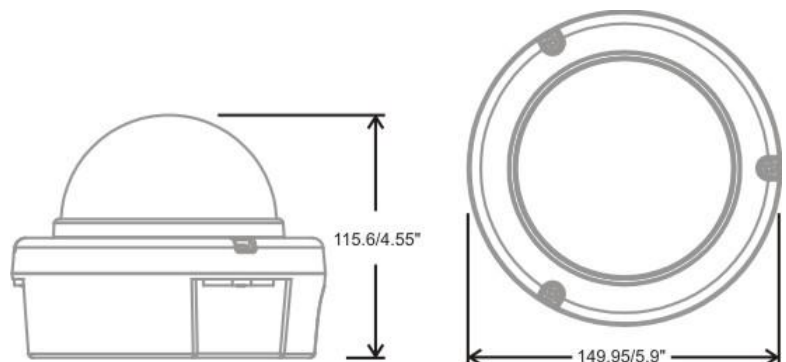▪ Power over Ethernet / DC 12V Power Input

3 Megapixel | **Full HD 1080P 25fps** | **HDTV 720P 25fps** | **Profile Management** | **D/N** | **PoE** | **DI DO DIDO** | **Onvif**

Photo Indication & Dimension Diagram

1. LEDs
2. RJ45 Connector (for Ethernet and PoE)
3. Conduit Plug and Hole
4. Fixed Lens
5. Tilt Screw
6. Reset Button
7. Terminal Block (for Audio in/out, DIDO)
8. Terminal Block (for Power DC12V 1A)

115.6/4.55"

149.95/5.9"

v1.1

Camera

Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 2048x1536 pixel
Minimum Illumination	0 lux (IR ON, B/W) 0.1 lux (IR OFF, B/W) 0.2 lux (F1.6, Color) S/N ratio: 38.1dB
IR Illuminators	Built -in IR Illuminators, effective up to 10 meters IR LED: 12pcs IR wavelength: 850nm
Lens	Lens Type: Board Lens Focal Length: f= 4mm F No.: 1.6 View Angle: (H): 66°/ (V): 49°/ (D): 85°
Day & Night ICR	Triggered by Light sensor, Scheduling, Digital Input

Video

Compression Streaming	H.264 / MPEG4 / MJPEG Simultaneous multiple streams
Video Setting	Multi-Profile Image Management: Day/ Night/ Sunset/ User 1/ User 2 Auto Exposure Control Manual Exposure Control: 1/20000~1/5s Manual Gain Control: 1X ~ 32X Manual White Balance Control: 2000K~7000K
Image Resolution	**3M :** 2048x1536 @ 15fps **2M (Full HD):** 1920x1080 @ 25fps **1M (HDTV):** 1280x720 @ 25fps

Events and Alarm Management

Events	Motion Detection/ Schedule/ Audio Detection/ Digital Input
Alarm	Stream/Snapshot to FTP/Email/ Samba/SD-Card/HTTP/Email Notification/ Digital Output

Audio

Audio Streaming	2-way Audio Support
Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Audio Input/ Output	Line In/ Out

General

Communication	Ethernet : one 10/100Mbps RJ-45 Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, IPv6
Power Input/ Operating Temperature	PoE 802.3 af/ DC12V 1A : 0°C ~ 50°C (32°F ~122°F)
Max. Power Consumption	PoE 802.3 af: 8 watts DC 12V 1A: 6 watts
Environment	Operating Humidity : 10% ~ 80%
Dimension	115.6(D) X 149.95 (H) mm
Weight	510g/ 1.13 lb
Certification	FCC, CE
Viewing System Requirements	OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 7/8 or above, Safari, Google Chrome Cell Phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.6 or above VLC
Warranty	Limited one-year warranty

Work Best With

Camera Accessories Options

L-WM-01
Camera Bracket

POE16U
High Power PoE Injector

Network Equipment Options

PS-588I
8-port 10/100M PoE Fast Ethernet Switch

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