

## 3 Megapixel Day & Night Fixed Dome Network Camera

### FD-300A Series

HDTV 1080p/720p • 3M/2M/1.3M Resolution Supported

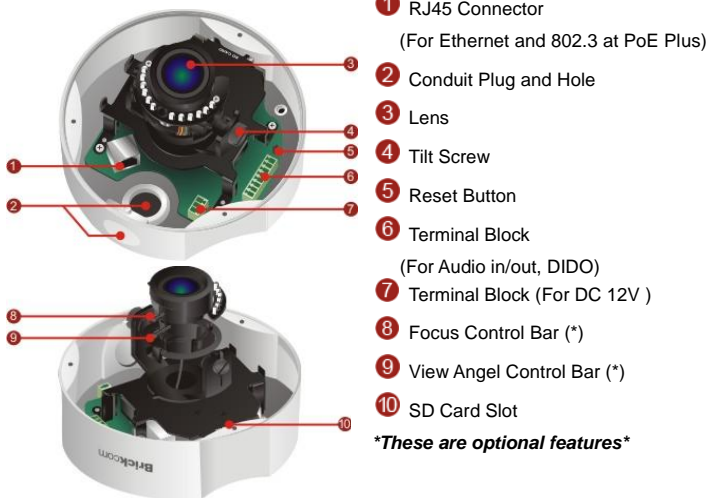


- 3 Megapixel High Resolution Indoor Fixed Dome Camera
- **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely (\*)  
\*The feature is for FD-300Ap/FD-300ApV5\*
- **FocusEasy™** to Ease the Focus Adjustment via the Buzzer for notification (\*)  
\*The feature is for FD-302ApV5 \*
- HDTV Quality (Full HD 1080p @ 25fps Streaming)
- Motorized Lens /Vari-Focal Lens for Variable Needs
- 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
- 3 Axis design
- Two-way Audio/Built-in SD/SDHC/SDXC Memory Card Slot for Local Storage
- Power over Ethernet/DC 12V/AC 24V Support

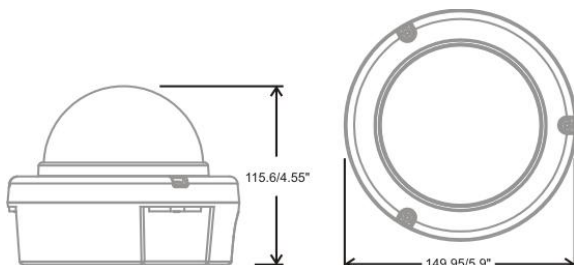
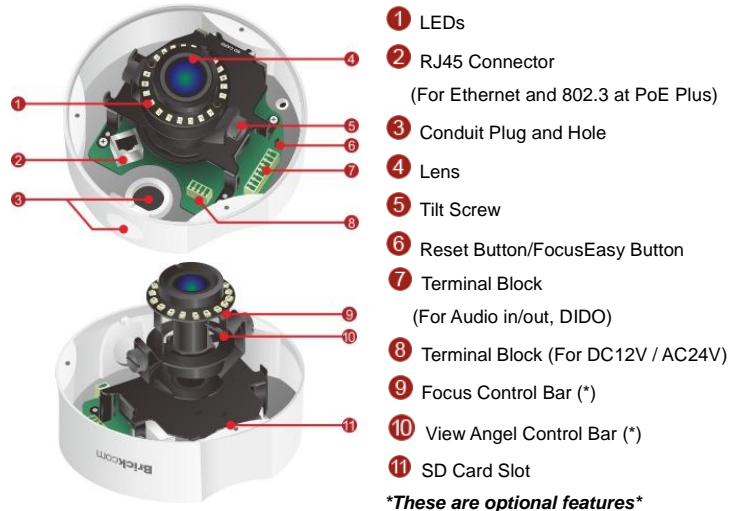


### Photo Indication & Dimension Diagram

#### FD-300Ap/FD-302Ap



#### FD-300Ap V5/FD-302Ap V5



Camera		Events and Alarm Management	
<b>Models</b>	<b>FD-300Ap /FD-300Ap V5</b> 3M, Motorized Lens, Smart Focus <b>FD-302Ap</b> 3M, Vari-Focal Lens <b>FD-302Ap V5</b> 3M, Vari-Focal Lens, Focuseasy	<b>Events</b>	Motion Detection/ Schedule/ Audio Detection/ Digital Input/ Temperature Alarm(*)/ Auto Focus Shift for Day & Night(**) *FD-300Ap V5/FD-302Ap V5 Only **FD-300Ap V5 Only
<b>Hardware System</b>	CPU: 533 MHz Flash: 32M RAM: 256M DDR	<b>Alarm</b>	Stream/Snapshot to FTP/Email/Samba/SD-Card HTTP/Email Notification/ Digital Output
<b>Image Sensor</b>	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 2048x1536 pixel	<b>Audio</b>	
<b>Minimum Illumination</b>	<b>FD-300Ap</b> 0 lux (IR ON, B/W) 0.008 lux (IR OFF, B/W) 0.01 lux (F1.4, Color) <b>FD-302Ap/FD-300Ap V5/FD-302Ap V5</b> 0 lux (IR ON, B/W) 0.01 lux (IR OFF, B/W) 0.02 lux (F1.4, Color)	<b>Audio Streaming</b>	2-way Audio Support
<b>IR Illuminators</b>	<b>FD-300Ap / FD-302Ap</b> Built -in IR Illuminators, effective up to 10 meters IR LED: 12pcs IR wavelength: 850nm <b>FD-300Ap V5/ FD-302Ap V5</b> Built -in IR Illuminators, effective up to 25 meters IR LED: 20pcs IR wavelength: 850nm	<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
<b>Lens</b>	Lens Type: Board Lens F No.: 1.4 <b>FD-300Ap</b> Focal Length: f= 3mm(W)~10.5mm(T) View Angle(Normal Mode): (H): 75°~26°/ (V): 56°~20°/ (D):93°~32° View Angle(Ultra Wide Mode): (H): 110°~35°/ (V): 73°~28°/ (D):133°~44° <b>FD-302Ap/FD-300Ap V5/FD-302Ap V5</b> Focal Length: f= 3.3mm(W)~10.5mm(T) View Angle(Normal Mode): (H): 70°~26°/ (V): 51°~20°/ (D):88°~32° View Angle(Ultra Wide Mode): (H): 107°~33°/ (V): 77°~22°/ (D):114°~41°	<b>Audio Input/ Output</b>	Line In/ Out
<b>Day &amp; Night ICR</b>	Triggered by Light sensor, Scheduling, Digital Input	<b>General</b>	
<b>Local Storage</b>	Built-in SD/SDHC/SDXC Max.64G Memory Card Slot	<b>Communication</b>	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
<b>Video</b>		<b>Power Input/ Operating Temperature</b>	0°C ~ 50°C (32°F ~122°F) <b>FD-300Ap /FD-302Ap</b> PoE 802.3 af/ DC12V 1A <b>FD-300Ap V5</b> PoE 802.3 af/ DC12V 1.5A/AC 24V <b>FD-302Ap V5</b> PoE 802.3 af/ DC12V 1A/AC 24V
<b>Compression Streaming</b>	H.264 / MPEG4 / MJPEG Simultaneous multiple streams	<b>Max. Power Consumption</b>	DC12V 1A <b>FD-300Ap:</b> 10 Watts / <b>FD-302Ap:</b> 8 Watts  DC12V 1.5A/AC 24V <b>FD-300Ap V5:</b> 12.5 Watts  DC12V 1A/AC 24V <b>FD-302Ap V5:</b> 10.5 Watts  802.3 af POE <b>FD-300Ap:</b> 12.5 Watts / <b>FD-302Ap:</b> 10 Watts <b>FD-300Ap V5:</b> 15 Watts / <b>FD-302Ap V5:</b> 12.5 Watts
<b>Video Setting</b>	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	<b>Environment</b>	Operating Humidity : 10% ~ 80%
<b>S/N Ratio</b>	38.1 dB	<b>Dimension</b>	115.6(D) X 149.95 (H) mm
<b>Image Resolution</b>	<b>3M</b> : 2048x1536 @ 18fps <b>2M (Full HD)</b> : 1920x1080 @ 30fps <b>1M</b> : 1280x720 @ 30fps	<b>Weight</b>	509g/1.13lb
		<b>Certification</b>	FCC, CE
		<b>Viewing System Requirements</b>	OS: Microsoft Windows 8/7/Vista/XP/2000 Browser: Mozilla Firebox, 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
		<b>Warranty</b>	Limited 2-year warranty

## Work Best With

### Camera Accessories Options



**L-WM-01**  
Camera Bracket



**POE16U \***  
PoE Injector

### Network Equipment Options



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



**PS-7242IL-AF**  
24-port 10/100M PoE Web Smart Ethernet Switch