

3 Megapixel Day & Night Fixed Dome Network Camera

FD-300A Series

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

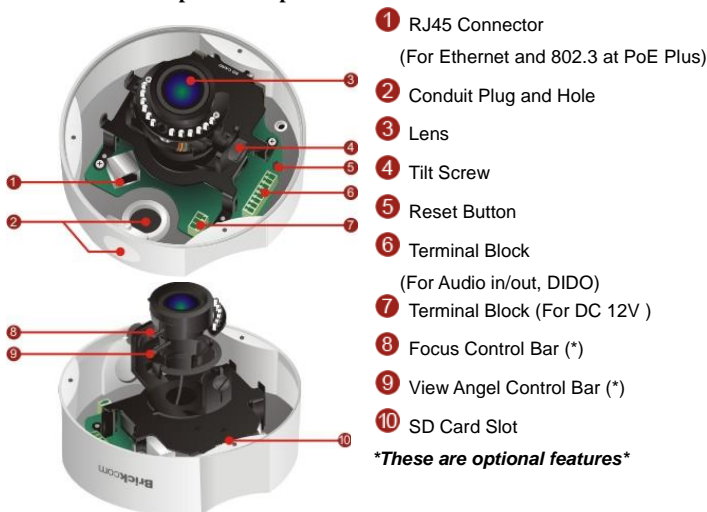


- 3 Megapixel High Resolution Indoor Fixed Dome Camera
- **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely (*)
The feature is for FD-300Ap/FD-300ApV5
- **FocusEasy™** to Ease the Focus Adjustment via the Buzzer for notification (*)
*The feature is for FD-302ApV5 *
- HDTV Quality (Full HD 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

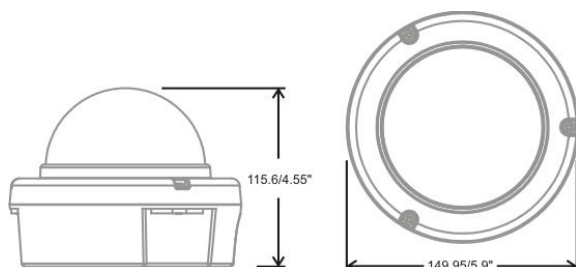
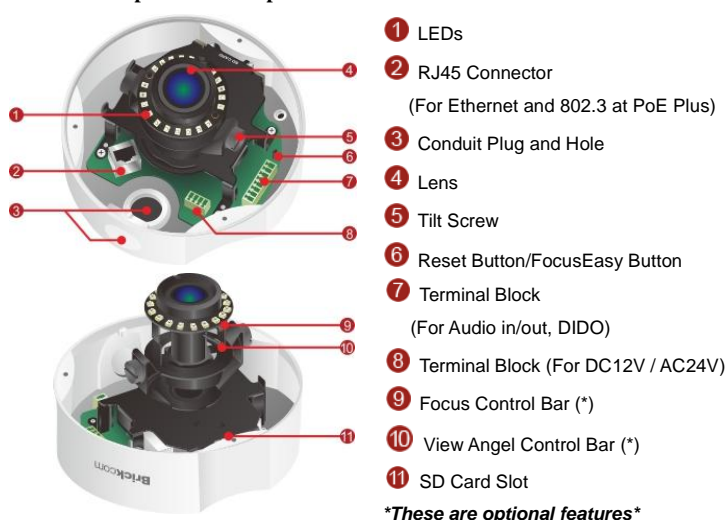


Photo Indication & Dimension Diagram

FD-300Ap/FD-302Ap



FD-300Ap V5/FD-302Ap V5



Camera

Models	FD-300Ap /FD-300Ap V5 3M, Motorized Lens, Smart Focus FD-302Ap 3M, Vari-Focal Lens FD-302Ap V5 3M, Vari-Focal Lens, Focuseasy
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	FD-300Ap 0 lux (IR ON, B/W) 0.008 lux (IR OFF, B/W) 0.01 lux (F1.4, Color) FD-302Ap/FD-300Ap V5/FD-302Ap V5 0 lux (IR ON, B/W) 0.01 lux (IR OFF, B/W) 0.02 lux (F1.4, Color)
IR Illuminators	FD-300Ap / FD-302Ap Built -in IR Illuminators, effective up to 10 meters IR LED: 12pcs IR wavelength: 850nm FD-300Ap V5/ FD-302Ap V5 Built -in IR Illuminators, effective up to 25 meters IR LED: 20pcs IR wavelength: 850nm
Lens	Lens Type: Board Lens F No.: 1.4 FD-300Ap 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° FD-302Ap/FD-300Ap V5/FD-302Ap V5 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°
Day & Night ICR	Triggered by Light sensor, Scheduling, Digital Input
Local Storage	Built-in SD/SDHC/SDXC Max.64G Memory Card Slot

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
S/N Ratio	38.1 dB
Image Resolution	3M : 2048x1536 @ 18fps 2M (Full HD) : 1920x1080 @ 30fps 1M : 1280x720 @ 30fps

Events and Alarm Management

Events	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
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	0°C ~ 50°C (32°F ~122°F) FD-300Ap /FD-302Ap PoE 802.3 af/ DC12V 1A FD-300Ap V5 PoE 802.3 af/ DC12V 1.5A/AC 24V FD-302Ap V5 PoE 802.3 af/ DC12V 1A/AC 24V
Max. Power Consumption	DC12V 1A FD-300Ap :10 Watts / FD-302Ap : 8 Watts DC12V 1.5A/AC 24V FD-300Ap V5 :12.5 Watts DC12V 1A/AC 24V FD-302Ap V5 :10.5 Watts 802.3 af POE FD-300Ap : 12.5 Watts / FD-302Ap : 10 Watts FD-300Ap V5 : 15 Watts / FD-302Ap V5 : 12.5 Watts
Environment	Operating Humidity : 10% ~ 80%
Dimension	115.6(D) X 149.95 (H) mm
Weight	509g/1.13lb
Certification	FCC, CE
Viewing System Requirements	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
Warranty	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