

3 Megapixel Day & Night Vandal Dome Network Camera

VD-300A Series

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



- 3 Megapixel High Resolution Outdoor Vandal Dome Camera
- **SmartFocus®** to Ease the Zoom and Focus Adjustment Remotely (*)
The feature is for VD-300Ap /VD-300ApV5
- **FocusEasy™** to Ease the Focus Adjustment via the Buzzer for notification (*)
*The feature is for VD-302ApV5 *
- HDTV Quality (Full HD 1080p @ 30fps 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
- TV out
- Two-way Audio/Built-in SD/SDHC/SDXC Memory Card Slot for Local Storage
- IK10 Vandal Proof and IP67 Weather Proof Outdoor Enclosure
- Power over Ethernet/DC 12V/AC 24V support

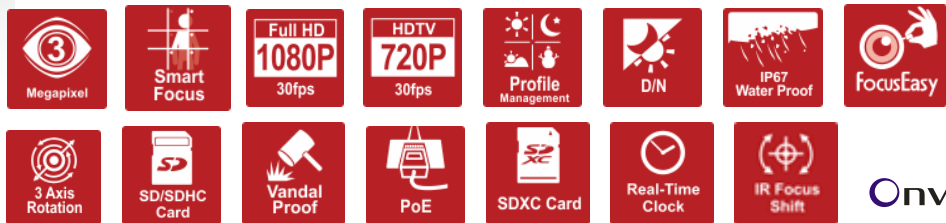
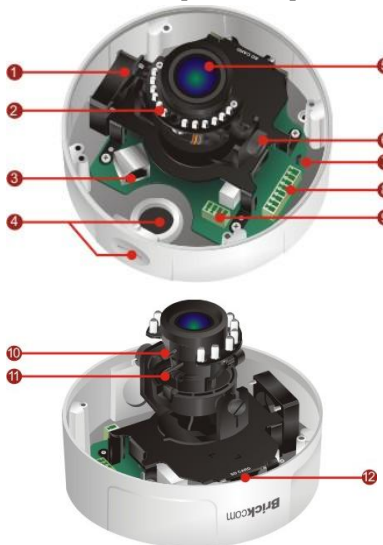


Photo Indication & Dimension Diagram

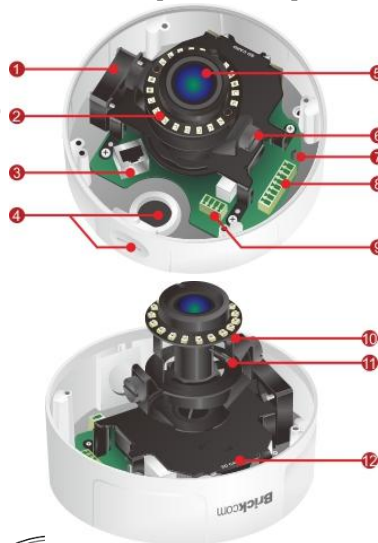
VD-300Ap /VD-302Ap



- 1 Fan (*)
- 2 LEDs
- 3 RJ45 Connector
(For Ethernet and 802.3 at PoE Plus)
- 4 Conduit Plug and Hole
- 5 LENS
- 6 Tilt Screw
- 7 Reset Button
- 8 Terminal Block
(For Audio in/out, DIDO)
- 9 Terminal Block (For DC12V)
- 10 Focus Control Bar (*)
- 11 View Angel Control Bar (*)
- 12 SD Card Slot

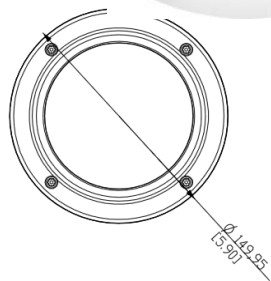
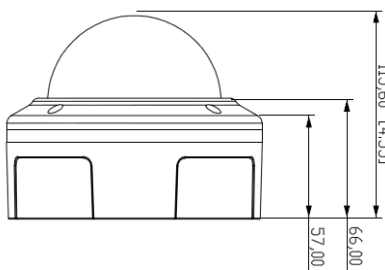
* These are optional features *

VD-300Ap V5/VD-302Ap V5



- 1 Fan (*)
- 2 LEDs
- 3 RJ45 Connector
(For Ethernet and 802.3 at PoE Plus)
- 4 Conduit Plug and Hole
- 5 LENS
- 6 Tilt Screw
- 7 Reset Button/FocusEasy Button
- 8 Terminal Block
(For Audio in/out, DIDO)
- 9 Terminal Block (For DC12V / AC24V)
- 10 Focus Control Bar (*)
- 11 View Angel Control Bar (*)
- 12 SD Card Slot

* These are optional features *



Camera

Models	VD-300Ap /VD-300Ap V5 3M, Motorized Lens, SmartFocus® VD-302Ap 3M, Vari-Focal Lens VD-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	VD-300Ap 0 lux (IR ON, B/W) 0.008 lux (IR OFF, B/W) 0.01 lux (F1.4, Color) VD-302Ap/VD-300Ap V5/VD-302Ap V5 0 lux (IR ON, B/W) 0.01lux (IR OFF, B/W) 0.02 lux (F1.4, Color)
IR Illuminators	VD-300Ap /VD-302Ap Built -in IR Illuminators, effective up to 10 meters IR LED: 12pcs IR wavelength: 850nm VD-300Ap V5/VD-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 VD-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° VD-302Ap/VD-300Ap V5/VD-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(**) *VD-300Ap V5/VD-302Ap V5 Only **VD-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	VD-300Ap /VD-302Ap 802.3 af POE/ DC12V 1A -20°C ~ 60°C (-4°F ~140°F) 802.3at PoE Plus(build in fan and heater): -40°C ~ 60°C (-40°F ~140°F) VD-300Ap V5/VD-302Ap V5 802.3 af POE/ DC12V 1A /AC 24V: -20°C ~ 60°C (-4°F ~140°F) 802.3at PoE Plus(build in fan and heater): -40°C ~ 60°C (-40°F ~140°F)
Max. Power Consumption	DC12V 1A VD-300Ap :10 Watts / VD-302Ap : 8 Watts DC12V 1.5A/AC 24V VD-300Ap V5 :12.5 Watts DC12V 1A/AC 24V VD-302Ap V5 :10.5 Watts 802.3 af POE VD-300Ap : 12.5 Watts / VD-302Ap : 10 Watts VD-300Ap V5 : 15 Watts / VD-302Ap V5 : 12.5 Watts 802.3 at POE Plus VD-300Ap : 25 Watts / VD-302Ap : 23 Watts VD-300Ap V5 : 27.5 Watts / VD-302Ap V5 : 25.5 Watts
Environment	Water Proof: IP67 Operating Humidity : 10% ~ 80%
Dimension	113.75 (D) mm X 144.25(H) mm
Weight	860g/1.90lb
Housing	Weather-proof (IP67) Vandal-proof (IK10)
Certification	FCC, CE, IK10
Viewing System Requirements	OS: Microsoft Windows 8/7/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 2-year warranty

Work Best With

Camera Accessories Options



L-WM-01
Camera Bracket



POE30U *
High Power PoE Injector



WPC *
Waterproof Connector

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