Brickcom

2 Megapixel Day & Night Vandal Dome Network Camera

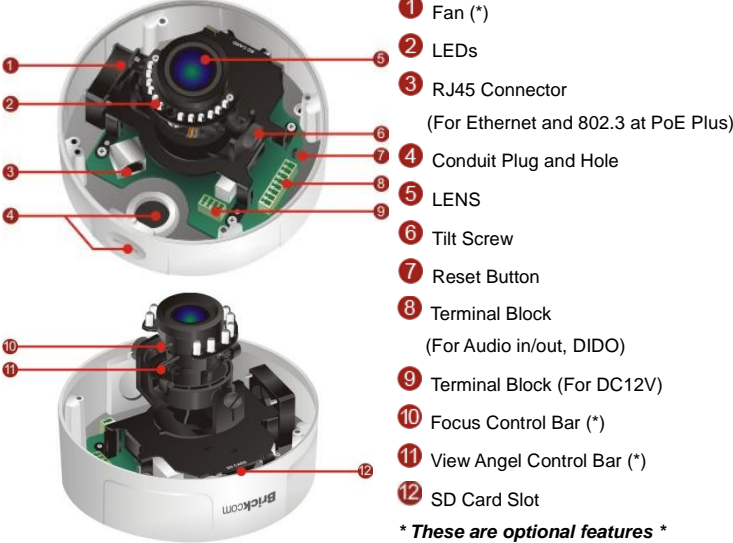| VD-200A Series	HDTV 1080p/720p ●2M/1.3M Resolution Supported

▪ 2 Megapixel High Resolution Outdoor Vandal Dome Camera

▪ **SmartFocus**® to Ease the Zoom and Focus Adjustment Remotely (*)

  The feature is for VD-200Ap/VD-200ApV5

▪ **FocusEasy™** to Ease the Focus Adjustment via the Buzzer for notification (*)

  *The feature is for VD-202ApV5 *

▪ 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
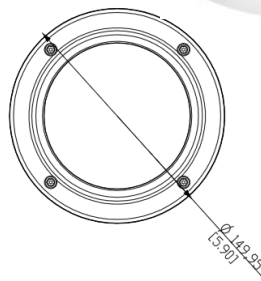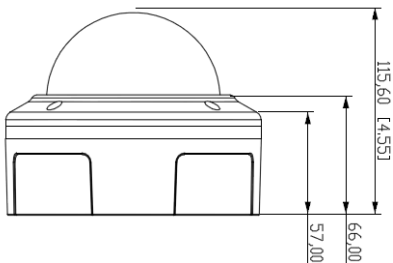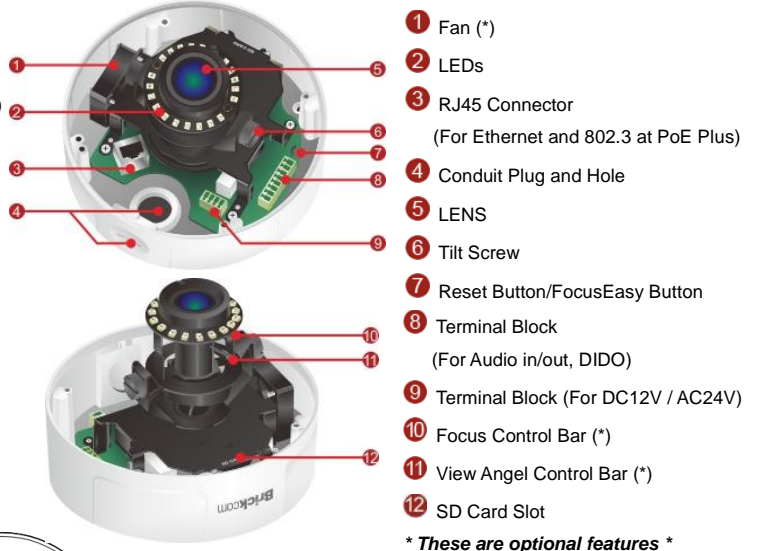
▪ Power over Ethernet/DC 12V/AC 24V support

Photo Indication & Dimension Diagram

VD-200Ap/VD-202Ap

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-200Ap V5/VD-202Ap 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 *

115.60 [4.55]

57.00

66.00

Ø 149.95
[5.90]

V1.2

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Camera

Models	**VD-200Ap /VD-200Ap V5** 2M, Motorized Lens, SmartFocus® **VD-202Ap** 2M, Vari-Focal Lens, **VD-202Ap V5** 2M, 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 : 1920x1080 pixel
Minimum Illumination	**VD-200Ap** 0 lux (IR ON, B/W) 0.008 lux (IR OFF, B/W) 0.01 lux (F1.4, Color) **VD-202Ap/VD-200Ap V5/VD-202Ap V5** 0 lux (IR ON, B/W) 0.01lux (IR OFF, B/W) 0.02 lux (F1.4, Color)
IR Illuminators	**VD-200Ap/VD-202Ap** Built -in IR Illuminators, effective up to 10 meters IR LED: 12pcs IR wavelength: 850nm **VD-200Ap V5/VD-202Ap 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-200Ap** Focal Length: f= 3mm(W)~10.5mm(T) View Angle(Normal Mode): (H): 69°~24°/ (V): 41°~14°/ (D):79°~28° View Angle(Ultra Wide Mode): (H): 108°~35°/ (V): 55°~19°/ (D):119°~40° **VD-202Ap/VD-200Ap V5/VD-202Ap V5** Focal Length: f= 3.3mm(W)~10.5mm(T) View Angle(Normal Mode): (H): 64°~24°/ (V): 36°~14°/ (D):74°~28° View Angle(Ultra Wide Mode): (H): 106°~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	**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-200Ap V5/VD-202Ap V5 Only **VD-200Ap 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-200Ap/VD-202Ap** 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) DC12V 1.5A/AC 24V **VD-200Ap V5:**12.5 Watts **VD-200Ap V5/VD-202Ap 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-200Ap:**10 Watts / **VD-202Ap:** 8 Watts DC12V 1.5A/AC 24V **VD-200Ap V5:**12.5 Watts DC12V 1A/AC 24V **VD-202Ap V5:**10.5 Watts 802.3 af POE **VD-200Ap:** 12.5 Watts / **VD-202Ap:** 10 Watts **VD-200Ap V5:** 15 Watts / **VD-202Ap V5:** 12.5 Watts 802.3 at POE Plus **VD-200Ap:** 25 Watts / **VD-202Ap:** 23 Watts **VD-200Ap V5:** 27.5 Watts / **VD-202Ap 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

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V1.2