Brickcom

N-Series Superior Night Vision
3 Megapixel Vandal Dome Network Camera

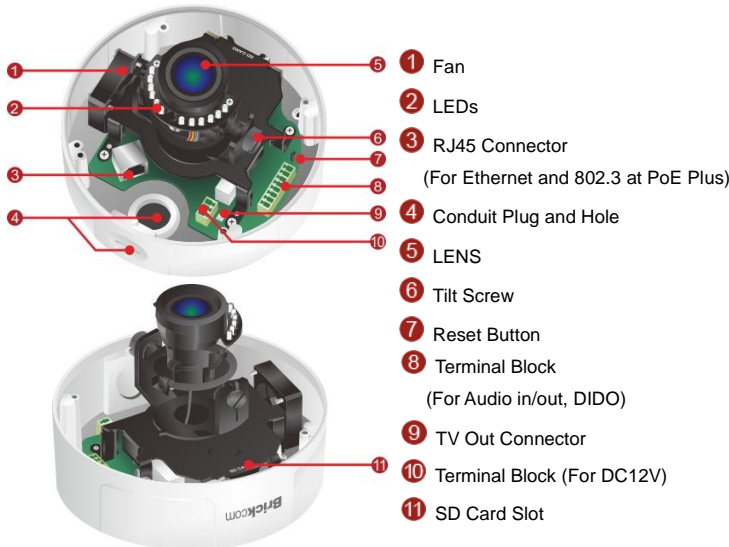| **VD-300N Series**	HDTV 1080p/720p ●3M/2M/1.3M Resolution Supported

▪ N-Series Sony Exmor [TM] 3M Vandal Dome Camera

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

▪ Support HDTV Video Quality (Full HD 1080p @ 30fps Streaming)

▪ Brickcom **WDR Enhancement®** technology inside

▪ 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 Memory Card Slot for Local Storage

▪ IK10 Vandal Proof and IP67 Weather Proof Outdoor Enclosure

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

▪ Smart IR to adjust the IR LED light across the entire area to get a well illuminated image
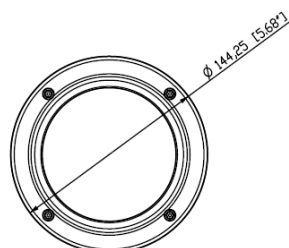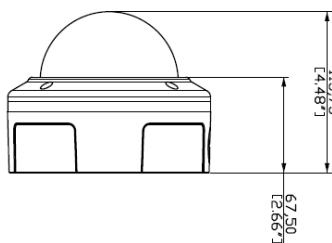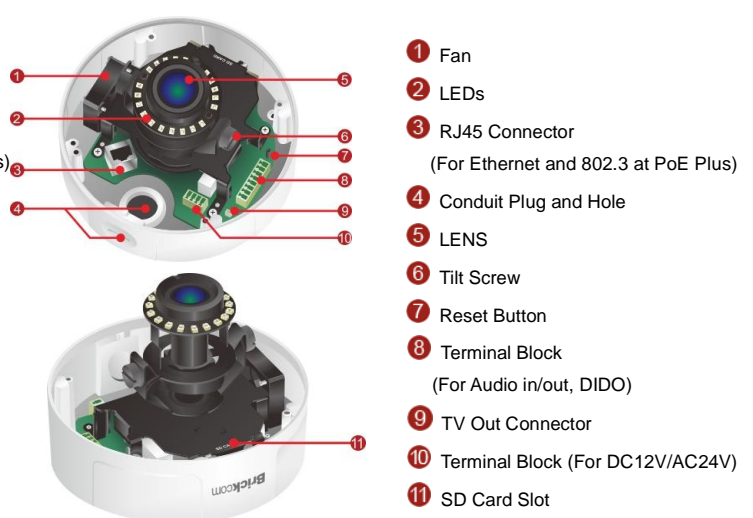
Icons: 1/2.8" SONY EXMOR | 3 Megapixel | Smart Focus | Full HD 1080P 30fps | WDR | Profile Management | D/N | SDXC Card | 3 Axis Rotation | SD/SDHC Card | Vandal Proof | IP67 Water Proof | PoE | Real-Time Clock | IR Focus Shift | Smart IR | Onvif

Photo Indication & Dimension Diagram

VD-300Np

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. TV Out Connector
10. Terminal Block (For DC12V)
11. SD Card Slot

VD-300Np 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
8. Terminal Block
   (For Audio in/out, DIDO)
9. TV Out Connector
10. Terminal Block (For DC12V/AC24V)
11. SD Card Slot

113.75 [4.48"]
67.50 [2.66"]
Ø 144.25 [5.68"]

V1.3

Brickcom
Expert in Wireless IP Surveillance

Camera

Models	3M, Motorized Lens, Smart Focus
Hardware System	CPU: 533 MHz Flash: 32M RAM: 256M DDR
Image Sensor	Sensor Type : 1/2.8" Sony Exmor ™ CMOS Sensor Sensor Resolution : 2048x1536 pixel
Minimum Illumination	0 lux (IR ON, B/W) 0.008 lux (IR OFF, B/W) 0.01 lux (F1.4, Color)
IR Illuminators	**VD-300Np** Built -in IR Illuminators, effective up to 15 meters IR LED: 12pcs IR wavelength: 850nm **VD-300Np 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 Focal Length: f= 3mm(W)~10.5mm(T) View Angle: (H): 92°~32°/ (V): 68°~27°/ (D):114°~40°
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: 1/10000~1/5s Manual Gain Control: 1X ~ 32X Manual White Balance Control: 2000K~7000K
S/N Ratio	>50 dB
Image Resolution	**3M :** 2048x1536 @ 20fps **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-300Np 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-300Np** 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-300Np 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-300Np:** 10 Watts DC12V 1.5A/AC 24V **VD-300Np V5:** 12.5 Watts 802.3 af POE **VD-300Np:** 12.5 Watts/**VD-300Np V5:** 15 Watts 802.3at PoE Plus **VD-300Np:** 25 Watts/ **VD-300Np V5:** 27.5 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	**VD-300Np:** Limited 2-year warranty **VD-300Np V5:** Limited 3-year warranty

V1.3

Work Best With

Camera Accessories Options

L-WM-01
Camera Bracket

POE30U *
High Power PoE Injector

WPC *
Waterproof Connector

Network Equipment Options

PS-588I-v2
8-port 10/100M PoE Fast Ethernet Switch

PS-7242IL-AT
24-port 10/ 100M High Power PoE+ Web Smart Ethernet Switch

Brickcom
info@brickcom.com

V1.3