

## 3 Megapixel Day & Night Vandal Dome Network Camera

VD-301Af

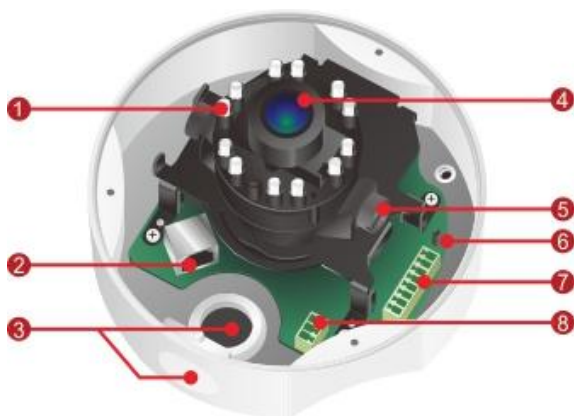
HDTV 1080p/720p • Cost Effective



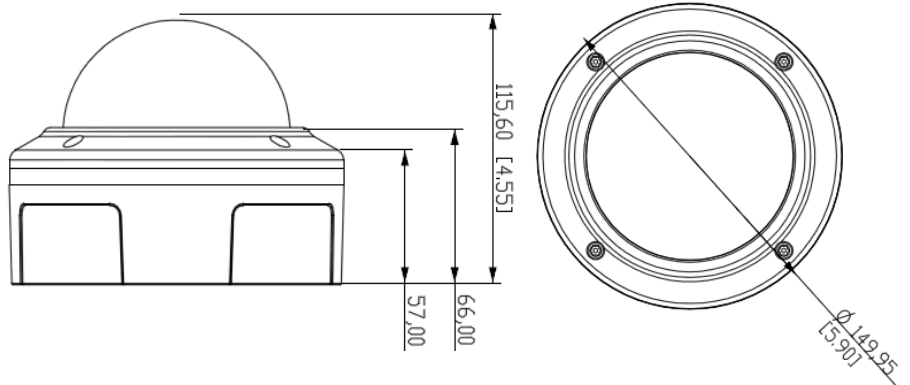
- Megapixel High Resolution Outdoor Vandal Dome Camera
- HDTV Quality (Full HD 1080p @ 25fps Streaming)
- Cost Effective/ Full Features Camera
- Easy Installation Dome Type Camera, Suitable for Project
- Build In IR Leds, effective up to 10 m
- MPEG-4, MJPEG and H.264 Triple Codec Compression
- **Intelligent Multi-Profile Sensor Management<sup>®</sup>** for Different Environments
- Removable IR-cut Filter / Auto Light Sensor for Day and Night
- 1 DI/DO for External Alarm and Sensor Device
- Two-way Audio
- IK10 Vandal Proof and IP67 Weather Proof Outdoor Enclosure
- Power over Ethernet / DC 12V Power Input



Photo Indication & Dimension Diagram



- |  |   |
|--|---|
| 1 LEDs                                     | 5 Tilt Screw                              |
| 2 RJ45 Connector<br>(For Ethernet and PoE) | 6 Reset Button                            |
| 3 Conduit Plug and Hole                    | 7 Terminal Block (for Audio in/out, DIDO) |
| 4 Fixed Lens                               | 8 Terminal Block (for Power DC12V, 1A)    |



## Camera

<b>Hardware System</b>	CPU: 533 MHz Flash: 32M RAM: 256M DDR
<b>Image Sensor</b>	Sensor Type : 1/2.5" CMOS Sensor Sensor Resolution : 2048 x 1536 pixel
<b>Minimum Illumination</b>	0 lux (IR ON, B/W) 2 lux (F1.6, Color) S/N ratio: 38.1dB
<b>IR Illuminators</b>	Built -in IR Illuminators, effective up to 10 meters IR LED: 12pcs IR wavelength: 850nm
<b>Lens</b>	Lens Type: Board Lens Focal Length: f= 4mm F No.: 1.6 View Angle: (H): 66°/ (V): 49°/ (D): 85°
<b>Day &amp; Night ICR</b>	Triggered by Light sensor, Scheduling, Digital Input

## Video

<b>Compression Streaming</b>	H.264 / MPEG4 / MJPEG Simultaneous multiple streams
<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>Image Resolution</b>	<b>3M</b> : 2048x1536 @ 18fps <b>2M (Full HD)</b> : 1920x1080 @ 25fps <b>1M (HDTV)</b> : 1280x720 @ 25fps

## Events and Alarm Management

<b>Events</b>	Motion Detection/ Schedule/ Audio Detection/ Digital Input
<b>Alarm</b>	Stream/Snapshot to FTP/Email/ Samba/SD-Card/HTTP/Email Notification/ Digital Output

## Work Best With

### Camera Accessories Options



**L-WM-01**  
Camera Bracket



**POE16U**  
High Power PoE Injector

## Audio

<b>Audio Streaming</b>	2-way Audio Support
<b>Audio Compression</b>	G.711, AMR (8 kHz, Mono, PCM)
<b>Audio Input/ Output</b>	Line In/ Out

## General

<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>Power Input/ Operating Temperature</b>	PoE 802.3 af/ DC12V 1A : -20°C ~ 50°C (-4°F ~122°F)
<b>Max. Power Consumption</b>	PoE 802.3 af: 8 watts DC 12V 1A: 6 watts
<b>Environment</b>	Water Proof: IP67 Operating Humidity : 10% ~ 80%
<b>Dimension</b>	113.75 (D) mm X 144.25(H) mm
<b>Weight</b>	900g/ 1.99 lb
<b>Housing</b>	Weather-proof (IP67) Vandal-proof (IK10)
<b>Certification</b>	FCC, CE, IK10
<b>Viewing System Requirements</b>	OS: Microsoft Windows 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
<b>Warranty</b>	Limited one-year warranty

### Network Equipment Options



**DWRT-600N**  
Dual Band Wireless Router



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