

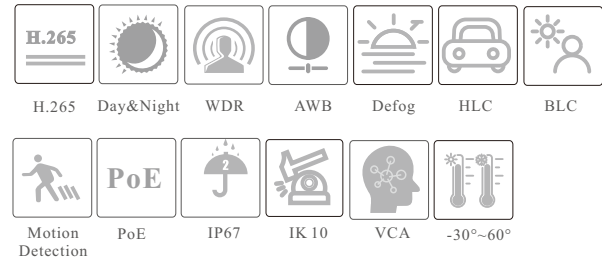
# Viewtron Vandal Proof Camera

## IP-A4VD

4MP IP Camera  
Vandal-Proof Armor Dome  
2.8-12mm Motorized Zoom Lens



- H.265+/H.265/H.264+/H.264/MJPEG Video coding
- Max. resolution: 4mp (2592 × 1520)
- Automatic IR Night Vision
- 30 ~ 50m Effective Infrared Night Vision Distance
- Motorized Zoom Lens / Motorized Varifocal 2.8-12mm
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Corrosion Resistant Alloy Body and Polycarbonate Plastic Dome Cover
- Built-in Micro SD Card Slot. Supports up to 256GB
- PoE Support or 12V DC Power Supply
- IP67 Weatherproof Rated, IK10 Impact Rated
- CMS Software for Windows PC and Mac
- Supports Remote Monitoring via Mobile App for iPhone & Android. Live Camera View & Recorded Video Playback
- Intelligent Analytics / Built-in AI Software Supported Human Detection, Car Detection, Face Detection, Facial Recognition



[www.Viewtron.com](http://www.Viewtron.com)

**Viewtron by CCTV Camera Pros**

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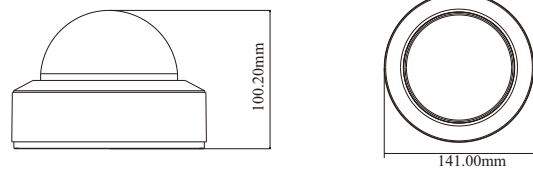


### SPECIFICATIONS

Specifications	Model	IP-A4VD		
<b>Camera</b>				
Image Sensor	1 / 3 "CMOS			
Image Size	2592 × 1520			
Electronic Shutter	Auto/manual; manual mode: 1 / 2s ~ 1 / 100000 s			
Iris Type	DC Iris			
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR			
Lens	2.8~12mm@F1.3, motorized			
Field of View	Horizontal: 100.0°~28.9°; Vertical: 54.5°~16.7°; Diagonal: 104.8°~33.1°			
Lens Mount	Ø14			
Day & Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
S/N Ratio	≥50dB			
Digital NR	3D DNR			
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°			
<b>Image</b>				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			
Resolution	4MP (2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P (1280 × 720), D1, CIF, 480 × 240, VGA(640 × 480)			
Main Stream	4MP/2K/3MP/1080P / 720P( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps ) HFR mode: 1080P / 720P( 60Hz : 1 ~ 60fps; 50Hz: 1~50fps )			
Sub Stream	720P/D1/CIF/VGA ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )			
Third Stream	D1/CIF/480×240 ( 60Hz : 1 ~ 30fps; 50Hz: 1~25fps )			
Bit Rate	64 Kbps ~ 8 Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
<b>Intelligent Analytics</b>				
Smart Event	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection			
Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and abnormal color detection, audio exception			
Face Detection	Face detection and face capture			
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature			
<b>DORI Distance</b>				
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	58.91m(193.27 ft)	23.56m(77.29 ft)	11.78m(38.64 ft)	5.89m(19.32ft)
2.8~12mm(T)	205.99m(675.82ft)	82.40m(270.34ft)	41.20m(135.17ft)	20.60m(67.58ft)
<b>Interfaces</b>				
Network	RJ 45 10M/100M self-adaptive Ethernet port			
Video Output	CVBS output (BNC × 1)			
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
Alarm	1CH alarm input; 1CH alarm output			
<b>Functions</b>				
Remote Monitoring	Web Browser, iOS & Android Mobile Apps, Windows & Mac Software			
Web Browser	IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission			

Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS
Interface Protocol	ONVIF(profile S, G, T, M)
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
PoE	Yes , IEEE802.3af
IR Distance	30 ~ 50 m
Ingress Protection	IP67& IK10
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 9W
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	Φ 141 × 100.2
Weight ( net )	Approx. 0.93KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

### DIMENSIONS



### AVAILABLE ACCESSORIES

