

# AVC-VHN41AVLT/V2

## 4MP H.265 IR OUTDOOR DOME CAMERA



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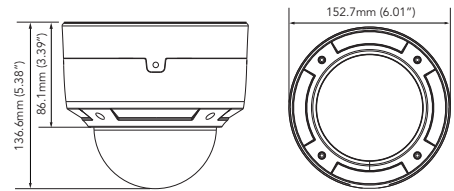
The AVC-VHN41AVLT/V2 is our 4MP H.265 IR Outdoor Dome Camera with a 2.8 ~ 12mm motorized auto-focus lens, featuring our newest generation of video analytics. This camera supports True Day/Night mode, True WDR capabilities and also includes a microSD memory card slot for standalone recording applications. The AVC-VHN41AVLT/V2 can be powered by both PoE(802.3af) and DC12V and also includes a hardware reset button. Integrated Video Analytics includes Missing/Abandoned Objects, Line Crossing, Heat Map, Vehicle/People Counting, and Facial Detection.

## FUNCTIONS

- Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG coding
- Max. Resolution: 4MP (2592 x 1520)
- ICR auto switch, True Day/Night vision
- IR Illumination up to 164ft
- 3D DNR, True WDR, HLC,BLC, Defog, Smart IR and ROI encoding
- Support image distortion correction
- Motorized zoom lens
- Supports Local CVBS Video Output and Two Way Audio
- Built-in micro Sd card slot, up to 256GB
- IP67 & IK10
- DC12V / PoE power supply
- Support Three Streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent Analytics
- NDAA Compliant

## DIMENSIONS

Unit : inch (mm)



## OPTIONAL ACCESSORIES



AVM-MDMT-W-TL1  
JUNCTION BOX



AVM-MWMT-W-TL1  
WALL MOUNT



AVM-P-CMT  
CORNER MOUNT BRACKET



AVM-P-PMT  
POLE MOUNT BRACKET



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# AVC-VHN41AVLT/V2

## 4MP H.265 IR OUTDOOR DOME CAMERA

### SPECIFICATIONS

CAMERA																
Image Sensor	1/3" Progressive Scan CMOS															
Image Size	2592 x 1520															
Shutter Speed	1/3s to 1/100,000s															
Iris Type	DC Iris															
Min. Illumination	Color: 0.005 lux @ F1.6(AGC ON); BW: 0 lux with IR															
IR Distance	Up to 164ft															
Lens	Motorized 2.8 ~ 12mm @ F1.4 Horizontal FoV: 93° ~ 31.8° Vertical FoV: 53° ~ 19° Diagonal FoV: 108° ~ 36°															
Lens Mount	Ø14															
Day & Night	ICR															
Wide Dynamic Range	120dB															
Digital NR	3D DNR															
Backlight Compensation (BLC)	Yes															
Highlight Compensation (HLC)	Yes															
Defog	Yes															
Angle Adjustment	Pan: 0°~345° ; Tilt: 0°~77° ; Rotation:0°~345°															
VIDEO IMAGE																
Video Compression	Main stream: Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 Sub/third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG															
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile															
Resolution	4MP (2592x1520), 2K (2560x1440), 3MP (2304x1296), 1080P (1920x1080), 720P (1280x720), D1, CIF, 480x240															
Main Stream	60Hz: 4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 4MP/2K/3MP/1080P/720P (1~25fps); HFR mode: 1080P/720P (60Hz: 1~60fps; 50Hz: 1~50fps)															
Sub Stream	60Hz: 720P/D1/CIF/480x240 (1~30fps); 50Hz: 720P/D1/CIF/480x240 (1~25fps)															
Third Stream	60Hz: D1/480x240/CIF (1~30fps); 50Hz: D1/480x240/CIF (1~25fps.)															
Video Bit Rate	64 Kbps ~ 8 Mbps (CBR / VBR Adjustable)															
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															
NETWORK / INTERFACE																
Network	1 x RJ45 10M / 100M Self-Adaptive Ethernet port															
Network Protocol	UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, HTTP POST, QoS															
Interface Protocol	ONVIF															
Web Browser	IE11 (Plug-in required) / Google 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															
Storage	Network remote storage; micro SD card storage (256GB)															
Video Output	CVBS output (BNC x 1)															
Audio	1CH audio input; 1CH audio output; 1CH build-in MIC															
Audio Compression	G711A / U															
Alarm	1CH alarm input; 1CH alarm output															
Hardware Reset	Yes															
DORI DISTANCE																
	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>2.8 ~ 12mm (W)</td> <td>204.49ft (62.33m)</td> <td>81.79ft (24.93m)</td> <td>40.91ft (12.47m)</td> <td>20.43ft (6.23m)</td> </tr> <tr> <td>2.8 ~ 12mm (T)</td> <td>667.35ft (203.41m)</td> <td>266.92ft (81.36m)</td> <td>133.46ft (40.68m)</td> <td>66.73ft (20.34m)</td> </tr> </tbody> </table>	Lens	Detect	Observe	Recognize	Identify	2.8 ~ 12mm (W)	204.49ft (62.33m)	81.79ft (24.93m)	40.91ft (12.47m)	20.43ft (6.23m)	2.8 ~ 12mm (T)	667.35ft (203.41m)	266.92ft (81.36m)	133.46ft (40.68m)	66.73ft (20.34m)
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FUNCTION																
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS 2.0															
Smart Alarm	Motion detection, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection															
Smart Analytics	Line crossing, region intrusion/entrance/exiting detection (human/motor vehicle/non-motor vehicle classification), abandoned /missing object detection, Target counting by line/intrusion area/heat map, exception detection, face detection and face capture															
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, corridor pattern															
GENERAL																
Power Supply	DC12V / PoE (IEEE802.3af)															
Power Consumption	<8W															
Operating Environment	-30°C ~ 60°C (-22°F ~ 140°F)Humidity: less than 95% (non-condensing)															
Storage Environment	-30°C ~ 65°C (-22°F ~ 149°F)Humidity: less than 95% (non-condensing)															
Dimensions (in)	Ø 5.92 x 4.49															
Weight (lb)	Approx. 2.50 lbs															
Ingress Protection	IP 67 & IK 10															
Certificate	CE, FCC															
Installation	Ceiling mounting; Wall mounting															
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH (EC1907/2006)															



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