



AVC-VHN41AVLT/V2 AI

NDAA COMPLIANT | CE | FCC

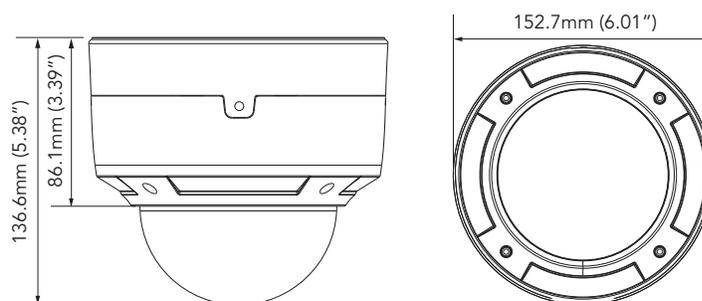
4MP H.265 IR OUTDOOR DOME CAMERA

OVERVIEW

- 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 with video and still image capture function (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

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 (2592×1520), 2K (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240 | | | | |
| 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, RTMP (v5.x firmware and above) | | | | |
| 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 | Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function | | | | |
| 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 | | | | | |
| | 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) |
| 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 × 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) | | | | |