

## AVC-VHN41FLT/2.8

### 4MP H.265 NETWORK IR OUTDOOR VANDAL DOME CAMERA



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4MP H.265 NETWORK IR OUTDOOR VANDAL DOME CAMERA WITH ADVANCED VIDEO ANALYTICS

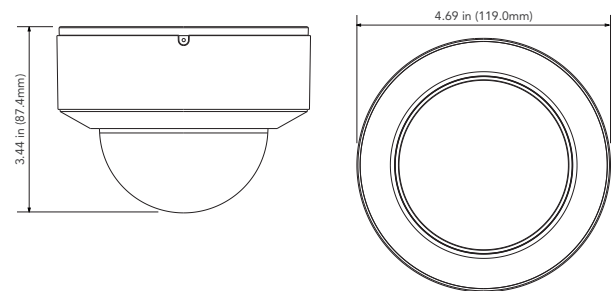
The AVC-VHN41FLT/2.8 is our newest 4MP H.265 Vandal Dome Outdoor IP Camera with a 2.8mm fixed lens and featuring our newest generation of video analytics. This camera supports True Day/Night mode, True WDR capabilities and also includes a microSD memory card slot for standalone recording applications. The AVC-VHN41FLT/2.8 can be powered by both PoE(802.3af) and DC12V and also includes a hardware reset button. Integrated Video Analytics include Missing/Abandoned Objects, Line Crossing, Heat Map, Vehicle/People Counting and Facial Detection.

## FUNCTIONS

- 4MP H.265 Real Time Encoding
- Maximum Resolution: 2592 x 1520
- Fixed 2.8mm Lens
- Smart IR Illumination Up to 98ft(30m).
- True Day / Night
- Hardware Reset
- Built-in Micro SD Card Slot
- Supports Three Streams
- NAT/P2P Function Optional
- Video Analytics: Line Crossing, Heat Map, People / Car Counting, Facial Detection, etc.
- Supports Remote Monitoring by Smart Phones & Tablet PCs with iOS and Android OS
- IP67 Outdoor Rating
- IK10 Ingress Protection
- DC12V / PoE (802.3af) <7W

## DIMENSIONS

Unit : inch (mm)



## OPTIONAL ACCESSORIES



AVM-DDMTS-W-TL1



AVM-EWMTS-W-TL1



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## 4MP H.265 NETWORK IR OUTDOOR VANDAL DOME CAMERA

### SPECIFICATIONS

CAMERA					
Image Sensor	1/3" Progressive Scan CMOS				
Image Size	2592 x 1520				
Electronic Shutter	1/3s to 1/100,000s				
Iris Type	Fixed Iris				
Min. Illumination	Color: 0.005 lux @ F1.6(AGC ON); BW: 0 lux with IR				
IR Distance	Up to 98ft				
Lens	Fixed 2.8mm @ F1.6 Horizontal FoV: 96° Vertical FoV: 55° Diagonal FoV: 115°				
Focus	Fixed				
Lens Mount	M12				
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°~355° ; Tilt: 0°~67° ; Rotation:0°~355°				
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	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG				
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, HTTP POST, 802.1x, UPnP, HTTPs, 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	No				
Audio	1CH audio input; 1CH build-in MIC				
Audio Compression	G711A / U				
Alarm	1CH audio input; 1CH build-in MIC				
Hardware Reset	Yes				
DORI DISTANCE					
	Lens	Detect	Observe	Recognize	Identify
	2.8mm	187.56ft (57.17m)	75.03ft (22.87m)	37.5ft (11.43m)	18.76ft (5.72m)
FUNCTIONS					
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS 2.0				
Audio	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, illegal login lock, image distortion correction, corridor pattern				
GENERAL					
Power Supply	DC12V / PoE (IEEE802.3af)				
Power Consumption	<7W				
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 4.68 x 3.45				
Weight (lb)	Approx. 1.43 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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