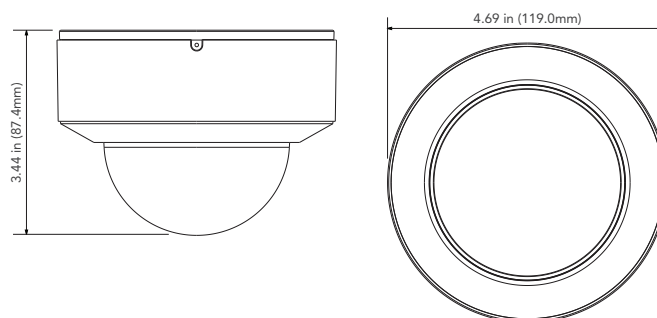# AVC-VHN41FLT/2.8 AI

NDAA COMPLIANT | CE | FC

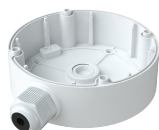4MP H.265 NETWORK IR OUTDOOR VANDAL DOME CAMERA

OVERVIEW

- 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 with video and still image capture function (up to 256GB)
- 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)

3.44 in (87.4mm)

4.69 in (119.0mm)

OPTIONAL ACCESSORIES

AVM-DDMTS-W-TL1   AVM-EWMTS-W-TL1

AVYCON   www.avycon.com

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/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
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	187.56 (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 × 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)