AVC-VHN81FLT/2.8 AI

NDAA COMPLIANT | CE | FC
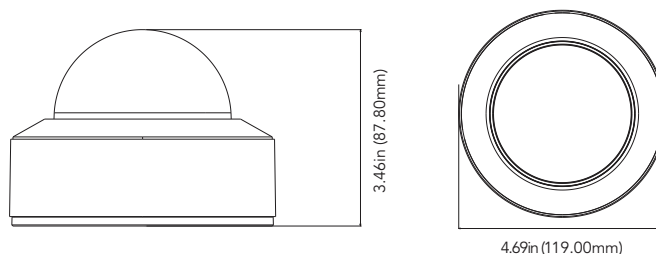
8MP H.265 HD AI DOME NETWORK CAMERA TURRET
IP INDOOR DOME OUTDOOR DOME

OVERVIEW

· 8MP (3840 X 2160) @ 20fps
· Max. Resolution: 3840 × 2160
· Supports Smart H.265/H.264 Encoding
· True Day & Night ICR
· 1CH audio input; 1CH built-in MIC
· 1CH alarm input; 1CH alarm output
· 3D DNR, DWDR, HLC, BLC and ROI Encoding
· Supports Triple Streams
· Supports Remote Access with Windows, macOS, iOS
  and Android
· IP67 & IK10 Ingress Protection
· Built-in micro SD card slot with video and still image
  capture function (up to 256GB)
· DC12V / PoE (802.3af, ≤9W)
· P2P Function Optional
· Intelligent Analytics

DIMENSIONS

Unit : inch(mm)

3.46in (87.80mm)

4.69in (119.00mm)

OPTIONAL ACCESSORIES

AVM-DDMTS-W-TL1
JUNCTION BOX

AVM-DPMT-W-TL1
CEILING MOUNT BRACKET

AVM-DRMTS-TL1
CEILING MOUNT

AVM-EWMTS-W-TL1
WALL MOUNT

SPECIFICATIONS

CAMERA	
Image Sensor	1 / 2.8" CMOS
Resolution	8MP
Image Size	3840×2160
Min. Illumination	0.01 lux@ F1.2, AGC ON; 0 lux with IR, 0.02 lux@F1.6, AGC ON; 0 lux with IR
Shutter Speed	1 / 25 s ~ 1 / 100000s
Slow Shutter	Supported
IR Distance	Up to 98ft. (30m)
Lens	Fixed 2.8mm
Field of View	Horizontal:109.7°;Vertical:77.2°;Diagonal:116.9°
WDR	120dB
VIDEO STREAM	
Max. Image Resolution	3840 × 2160
Supported Resolutions	8MP (3840 × 2160), 6MP(3072 × 2048),5MP(2592 × 1944), 4MP(2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296),1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	3840 × 2160, 2592 × 1944, 2592 × 1520, 2560 × 1440, 2304 × 1296, 1920 x 1080, 1280 × 720
Sub Stream	720P/D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Video Compression	H.265 / H.264
Audio Compression	G711A / U
Video Bit Rate	64 Kbps ~ 12 Mbps (CBR / VBR Adjustable)
NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
ONVIF	ONVIF Profile S / G
Protocol	UDP, IPv4, IPv6, HTTPs, FTP, SMTP, UPnP, SNMP, DDNS, NTP, RTSP, TCP/IP, PPPoE, DHCP, 802.1x, QoS
IMAGE	
Day & Night	EXT / Auto / Color / BW (Black and White)
Defog	Yes
Digital NR	Yes (3D DNR)
Backlight Compensation (BLC)	Yes
HLC	Yes
ROI	Yes
Privacy Mask	Supported
Sharpness	Yes
Image Setting	Yes
Language	Support for 12 Different Languages
INTELLIGENT ANALYTICS	
Perimeter Protection	Line Crossing, Region Entrance/Exiting/Intrusion (Human/Motor Vehicle/Non-Motor Vehicle Classification)
Target Counting	Line Crossing Human/Motor Vehicle/Non-Motor Vehicle Counting
Exception Detection	Scene Change, Video Blur and Video Color Cast Detection
Face Detection	Face Detection and Face Capture
General Intelligence	Crowd Density Detection, Heat Map, Object Abandoned/Missing Detection*
SYSTEM	
Video Output	No
Audio	1CH Audio Input; 1CH Built-in MIC
Alarm	1CH Alarm Input; 1CH Alarm Output
Storage	Built-in Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
Reset	Yes
Remote Monitoring	Web Browsing, CMS Remote Control
Smart Alarm	Motion Detection; SD Card Error; SD Card Full
GENERAL	
Angle Adjustment	Any Angle
Input Voltage	DC 12V / PoE (802.3af)
Power Consumption	≤9W
Ingress Protection	IP67 & IK10
Weight	1.4lbs
Working Temperature	-22°~140° F (-30°~60° C)
Dimensions	Ø4.69" x 3.46" (Ø119.0mm x 87.80mm)