

# AVC-VHN81FLT

## 4K NETWORK IR WEATHERPROOF DOME CAMERA



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4K NETWORK IR WEATHERPROOF DOME CAMERA WITH ADVANCED VIDEO ANALYTICS

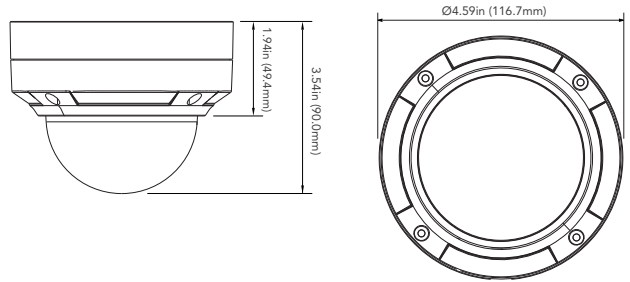
The AVC-VHN81FLT is a 4K IR Weatherproof Vandal Dome Networkcamera, with an IP66 outdoor rating and an IK10 Vandal Resistance rating for maximum protection against the weather and possible intruders. With Smart IR Illumination, this camera can view up to 66ft. at night and has a maximum resolution of up to 3840 x 2160 with H.265 Encoding, enabling savings in both storage space and bandwidth. The AVC-VHN81FLT supports triple streams for integration with third party accessories and has advanced video analytics integrated into the system that include abandoned or removed objects, line crossing and intrusion detection.

## FUNCTIONS

- 8MP H.265 Real Time Encoding
- Max Resolution: 3840 x 2160
- Fixed 3.6mm Lens
- Smart IR Illumination Up to 60ft.
- True Day & Night (ICR)
- Supports 3D DNR, True WDR, HLC, BLC, & 8 ROI Encoding
- Supports Defogging, Digital Image Stabilization, and Image Correction for Various Situations
- Supports Local CVBS / Analog Video Output (BNC) & 1-Way Audio
- Supports Triple Streaming
- Supports Mobile Monitoring by Smart Phones with iOS and Android OS, iPad, and Remote Monitoring
- Advanced Video Analytics: Object Removed, Line Crossing Detection, and Intrusion Detection
- IP66 Outdoor Rating & IK10 Vandal Proof Rating
- DC 12V / PoE (802.3af, 4.5 W/6.5W with IR On)

## DIMENSIONS

Unit : inch (mm)



## OPTIONAL ACCESSORIES



AVM-DDMTS-W-TL1



AVM-EWMTS-W-TL1



AVM-DRMTS-TL1



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### SPECIFICATIONS

CAMERA	
Image Sensor	1/2.5" Progressive Scan CMOS
Resolution	8.4MP
Image Size	3840 x 2160
Electronic Shutter	1/25s to 1/100,000s
Iris Type	Fixed Iris
IR Distance	Up to 60ft. (18m)
Min. Illumination	0.01luxF1.2(AGC ON), 0Lux with IR ON
Lens	Fixed 3.6mm Lens (ICR)
Lens Mount	M12
Angle Adjustment	Pan: 0°~240°, Tilt: 0°~68°, Rotation: 0°~220°
True WDR	Yes
Digital NR	Yes (2D / 3D DNR)
Backlight Compensation (BLC)	Yes
Highlight Compensation (HLC)	Yes
Defog	Yes
Day & Night	Yes
Language	Support for 12 Different Languages
VIDEO STREAM	
Max. Image Resolution	3840 x 2160
Video Streams	(3840 x 2160): 30fps 60Hz: (3840 x 2160, 1920 x 1080, 1280 x 720) @ 30fps 50Hz: (3840 x 2160, 1920 x 1080, 1280 x 720) @ 25fps
Supported Resolutions	8.4MP (3840 x 2160) / 1080P (1920 x 1080) / 720P (1280 x 720) / D1 (704 x 480) / CIF (352 x 288) / 480 x 240
Video Compression	H.265 MP / H.264 BP / MP / HP / MJPEG
Video Bit Rate	64 Kbps~16Mbps (CBR / VBR Adjustable)
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, Noise Reduction, etc.
NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
Network Storage	Network Remote Storage
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS / CVMS 2.0
Online Connections	Supports up to 10 Concurrent Users
Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
AUDIO	
Audio Input	1-Way: 1(Mic-In)
Audio Compression	G711A/U
SYSTEM	
Smart Alarm	Motion Alarm
Video Analytics	Object Removal Detection, Line Crossing Detection, Intrusion Detection, etc.
GENERAL	
Supported Protocols	ONVIF Profiles S & G
Power Supply	DC 12V / PoE(802.3af)
Power Consumption	<4.5W IR Off / <6.5W IR On
Ingress Protection	IP66
Housing Protection	IK10
Working Environment	-22°~140° F (-30°~60° Celcius)
Working Humidity	10%~90% (Non-Condensing)
Weight	1.3lbs
Dimensions	Ø4.59" x 3.54" (Ø116.7mm x 90.0mm)



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