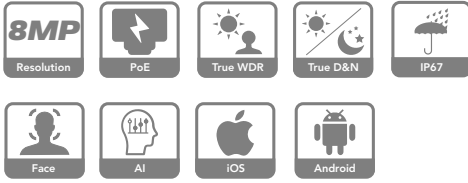


# AVC-VHN81FLT/2.8

## 8MP H.265 HD AI DOME NETWORK CAMERA



## 8MP H.265 HD AI DOME NETWORK CAMERA

8MP H.265 HD AI DOME NETWORK CAMERA WITH SMART FEATURES

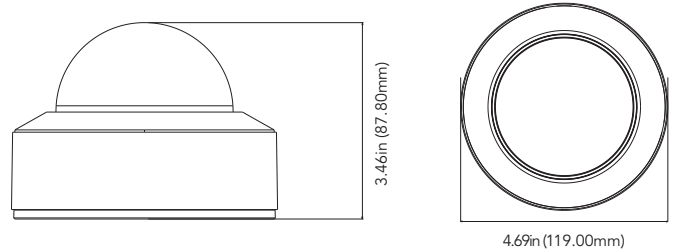
The AVYCON AVC-VHN81FLT/2.8 camera is a 8MP H.265 HD AI Dome Network Camera with Smart Features. This 8MP IP camera supports True Day and Night mode, PoE, and up to 98ft. of Smart IR Illumination. This camera includes a Fixed 2.8mm Lens. Also standard with this series is 3D Digital NR, ROI, HLC, WDR, and BLC capabilities along with IP67 and IK10 outdoor rating. Optional accessories for this camera include a Junction Box Mount, Wall Mount, Ceiling Mount, and a Ceiling Mount Bracket.

## FUNCTIONS

- 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, up to 256GB
- DC12V / PoE (802.3af, ≤9W)
- P2P Function Optional
- Intelligent Analytics

## DIMENSIONS

Unit : inch (mm)



## 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

# AVC-VHN81FLT/2.8

## 8MP H.265 HD AI DOME NETWORK CAMERA

### SPECIFICATIONS

| CAMERA                       |  |
|------------------------------|--|
| Image Sensor                 | 1 / 2.8" CMOS  |
| Resolution                   | 8MP  |
| Image Size                   | 3840x2160  |
| 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 × 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 card Slot; Up to 256GB   |
| 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)  |



# AVYCON<sup>®</sup>

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phone: 949-752-7606

email: info@avycon.com

social: @avycon\_aivo

website: avycon.com