



AVC-NDE81M^{AI}

NDA
COMPLIANT | CE | FC

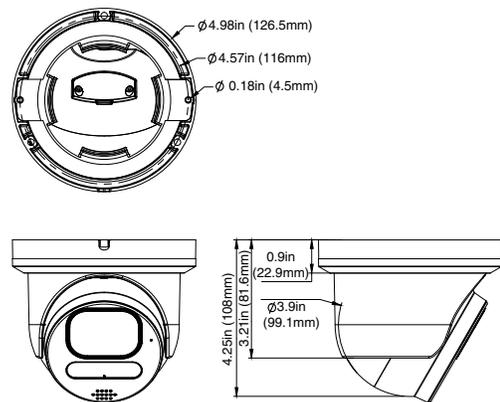
8MP H.265 TURRET NETWORK CAMERA
Active Deterrence 24/7 Color

OVERVIEW

- 8MP (3840x2160) H.265+/H.264+/MJPEG
- Max. resolution: 3840x2160
- Full Color / Active Deterrence Camera
- 2.8-12mm Motorized Lens (F1.0)
- 3D DNR, WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- White Light LED / Strobe (Blue & Red) Light
- Built-in MIC / Speaker
- Built-in micro SD card slot, up to 512GB
- IP67 ingress protection
- DC12V/PoE power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-JB-BE-L1
JUNCTION BOX



AVM-CWM-EDV-L1
COMPACT
WALL MOUNT



AVM-HWM-E-L1
WALL MOUNT
WITH JUNCTION BOX



AVM-HCM-E-L1
CEILING MOUNT
WITH JUNCTION BOX



AVM-P-POM-A2
POLE
MOUNT BRACKET



AVM-CRM-A1
CORNER
MOUNT BRACKET



AVM-JB-DUAL-UL1
DUAL CAMERA
JUNCTION BOX

SPECIFICATIONS

| CAMERA | |
|-----------------------------------|--|
| Imaging Device | 1/2.8" |
| Effective Pixels | 8MP 3840(H)×2160(V) |
| Scanning System | Progressive CMOS |
| Min. Illumination | Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON |
| LENS | |
| Focal Length (Zoom Ratio) | 2.8-12mm |
| Max. Aperture Ratio | F No. 1.2 |
| Angular Field of View | Horizontal:107(W)-34(T)°, Vertical:56(W)-19(T)°, Diagonal:129(W)-39(T)° |
| Min. Object Distance | 1.5m |
| Lens Type | Ø16.7 |
| OPERATIONAL | |
| IR LED | 2 |
| WarmLight | 2 |
| Red Blue Light | 2 (1 Red&1 Blue) |
| IR Viewable Length | Up to 98ft (30m) |
| WarmLight Viewable Length | Up to 82ft (25m) |
| Type of complementary light | Default warm light, switchable infrared light |
| Motion Detection | Off/On (8 Level) |
| Wide Dynamic Range | WDR |
| Digital Noise Reduction | 3D DNR |
| Image Setting | Full Color Mode/Day&Night Mode/Smart Illumination |
| White Balance | Auto/Manual |
| Electronic Shutter Speed | 1/5 ~ 1/20000s |
| On-Board Storage | Micro SD slot, up to 512GB |
| Alarm | Yes |
| Alarm Event | Warning Light, Siren, E-mail Notification, Event Push, FTP Picture Upload, Micro SD recording |
| Audio | Built-in microphone&Speaker |
| Custom Voice | Yes |
| Hardware Reset | Yes |
| Smart Feature | Face Recognition, Pedestrian & Vehicle, Perimeter Intrusion, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, Rare Sound, Intrusion, Region Entrance, Region Exiting |
| NETWORK | |
| Ethernet | RJ45(10/100BASE-T) |
| Video Compression Format | H.265/H.264 |
| Resolution | Main Stream@30fps: 8MP(3840x2160), 5MP(2592x1944,3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720) Sub Stream@30fps: 720P(1280x720), VGA(640x480), QVGA(320x240) Mobile Stream@30fps: VGA(640x480), QVGA(320x240) |
| Video Quality Adjustment | 256Kbps ~ 16Mbps |
| Bitrate control method | CBR/VBR |
| IP | IPv6/7 |
| Protocol | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, RTMP (v8.2.3 firmware and above) |
| Security | IP address filter;complicated password;Authenticated username and password |
| Application Programming Interface | ONVIF(Profile S/G/T/M) |
| Web Viewer | IE10/11, Safari V12.1 above, Firefox V.52 above, Google Chrome V.57 above, Edge V.79 above |
| ENVIRONMENTAL | |
| Operating Conditions | -31~+140°F (-35~+60°C) /less than ° 90% RH |
| Ingress Protection | IP67 |
| ELECTRICAL | |
| Input Voltage / Current | D12V/POE(IEEE802.3af) |
| Power Consumption | DC12V : max 7.8W ; POE (48V): max 9.1W |
| MECHANICAL | |
| Material | Metal |
| Dimensions | ø4.98 x 4.25in (ø126.5 x 108mm) |