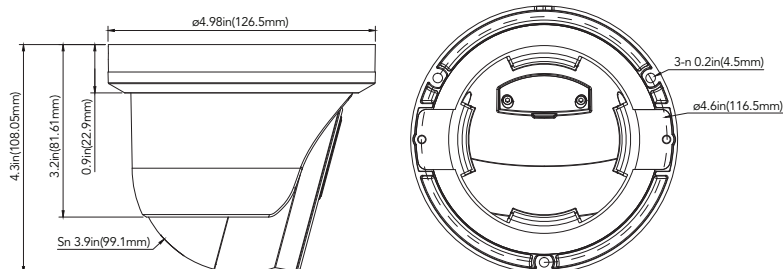**AVYCON®**



# AVC-NUE81M  AI

NDAA COMPLIANT | CE | FC

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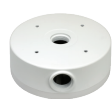Active Deterrence 24/7 Color

## OVERVIEW

- 8MP (3840x2160) H.265+/H.264+/MJPEG
- Max. resolution: 3840x2160
- Full Color / Active Deterrence Camera
- 3-8mm 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 with video and still image capture function (up to 256GB)
- IP67 ingress protection
- DC12V/PoE power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

## DIMENSIONS

Unit : inch(mm)



ø4.98in(126.5mm)
4.3in(108.05mm)
3.2in(81.61mm)
0.9in(22.9mm)
Sn 3.9in(99.1mm)
3-n 0.2in(4.5mm)
ø4.6in(116.5mm)

## OPTIONAL ACCESSORIES



| AVM-JB-BE-L1 | AVM-JB-DUAL-UL1 | AVM-CWM-EDV-L1 | AVM-HWM-E-L1 | AVM-HCM-E-L1 | AVM-CRM-A1 | AVM-POM-A1 | AVA-MICSPKSRN |
| JUNCTION BOX | DUAL JUNCTION BOX | COMPACT WALL MOUNT | WALL MOUNT WITH JUNCTION BOX | CEILING MOUNT WITH JUNCTION BOX | CORNER MOUNT BRACKET | POLE MOUNT BRACKET | AUDIBLE AND VISUAL ALARM DEVICE |

# SPECIFICATIONS

| VIDEO | |
|---|---|
| Imaging Device | 1/1.8" Progressive CMOS |
| Resolution | Main Stream: 8MP(3840x2160), 5MP(2592x1944, 3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080)<br>Sub Stream: 1080P(1920x1080), 720P(1280x720), VGA(640x480)<br>Mobile Stream: VGA(640x480), QVGA(320x240) |
| Min. Illumination | Color 0.0005lux @ F1.0(AGC ON); B/W 0 lux @ IR ON |

| LENS | |
|---|---|
| Focal Length (Zoom Ratio) | 3-8mm Motorized |
| Max. Aperture Ratio | F1.0 |
| Angular Field of View | Horizontal:105°(W) -56°(T), Vertical:54°(W)- 32°(T), Diagonal:131°(W) -65°(T) |
| Min. Object Distance | W/T 9.8ft (3m) |
| Focus Control | N/A |
| Lens Type | Non-standard interface |

| OPERATIONAL | |
|---|---|
| IR LED | N/A |
| Warm Light | 2 |
| Day & Night | Full Color Mode |
| Backlight Compens | Off/On (8 Level) |
| Wide Dynamic Range | WDR |
| Digital Noise Reduction | 3D DNR |
| IR Viewable Length | N/A |
| WarmLight Viewable Length | Up to 98ft (30m) |
| Motion Detection | Off/On (8 Level) |
| Privacy Masking | Off/On (4 Zone, Rectangle) |
| Gain Control | AUTO |
| Type of LIght | Default warm light |
| Red Blue Light | 2 (1 Red & 1 Blue) |
| Electronic Shutter Speed | AUTO / Manual (1/5 ~ 1/20000s) |
| Analytics | Face Recognition, Pedestrian & Vehicle, Perimeter Intrusion, Line Crossing,  Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting |

| NETWORK | |
|---|---|
| Alarm I/O | 1 input, 1 output |
| Hardware Reset | YES |
| Audio In | 1 Input, Built-in MIC |
| Audio Out | 1 Output, Built-in Speaker |
| IR Viewable Length | N/A |
| Ethernet | RJ45(10/100BASE-T) |
| Video Compression | H.265/H.264/H.265+/H.264+/MJPEG |
| Audio Compression | G.711a / G.711u |
| Bitrate Control | CBR or VBR (256Kbps ~ 16Mbps) |
| Streaming | Unicast/Multicast |
| Protocol | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP |
| Security | IP address filter; complicated password; Authenticated username and password |
| Application Programming Interface | ONVIF Profile S/G/T |
| Web Viewer | IE10/11, Safari  V12.1 above, Firefox V.52 above, Google Chrome  V.57 above, Edge V.79 above |

| GENERAL | |
|---|---|
| Webpage Language | English, Korean |
| Edge Storage | Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function |

| ENVIRONMENTAL & ELECTRICAL | |
|---|---|
| Operating Temperature / Humidity | -31°F ~ 140°F (-35~+60°C) /less than ≤ 90% RH |
| Storage Temperature / Humidity | -22°F ~ 140°F (-30~+60°C) / less than ≤ 95% RH |
| Certification | IP67 |
| Input Voltage | D12V/POE(IEEE802.3af) |
| Power Consumption | TBD |

| MECHANICAL | |
|---|---|
| Color / Material | White / Metal |
| Product Dimensions / Weight | ø4.98in x 4.3in (ø126.5mm x 108.05mm) / TBD |