



AVC-NUE81M



NDA
COMPLIANT | CE | FC

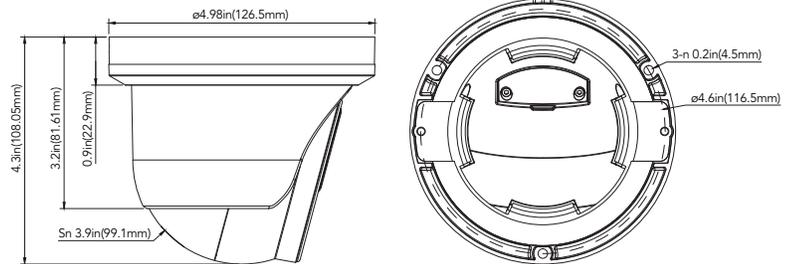
8MP H.265 TURRET NETWORK CAMERA
Active Deterrence 24/7 Color

OVERVIEW

- 8MP (3840x2160) H.265+/H.264+/MJPEG
- Max. resolution: 3840x2160
- Full Color / Active Deterrence Camera
- 3-10mm 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 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-JB-DUAL-UL1
DUAL 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-CRM-A1
CORNER
MOUNT BRACKET



AVM-P-POM-A2
POLE
MOUNT BRACKET



AVA-MICSPKSRN
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) Sub Stream: 1080P(1920x1080), 720P(1280x720), VGA(640x480) 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)	3-10mm 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 91ft (25m)
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 Detection (FD), Pedestrian & Vehicle Detection (PD&VD), Intrusion Detection (ID), Line Crossing Detection (TD), Tripwire Counting (TC), Stationary Object Detection (OBJ), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Detection
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, 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
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 512GB) 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 / NDAA
Input Voltage	D12V/POE(IEEE802.3af)
Power Consumption	TBD
MECHANICAL	
Color / Material	White / Metal
Product Dimensions / Weight	Ø4.98x4.3in (Ø126.5x108.05mm) / 1.72lbs (780.9g)