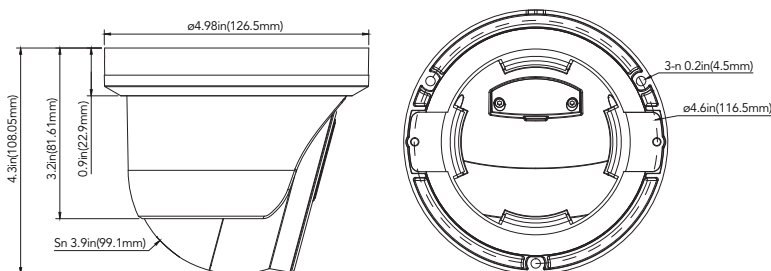# AVC-NUE41M AI

NDAA COMPLIANT | CE | FC

4MP H.265 TURRET NETWORK CAMERA
Active Deterrence 24/7 Color

OVERVIEW

- 4MP (2688x1520) H.265+/H.264+/MJPEG
- Max. resolution: 2688x1520
- 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 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-POM-A1 POLE MOUNT BRACKET | AVA-MICSPKSRN AUDIBLE AND VISUAL ALARM DEVICE |

AVYCON   www.avycon.com

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SPECIFICATIONS

VIDEO	
Imaging Device	1/1.8" Progressive CMOS
Resolution	Main Stream: 4MP(2688x1520), 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)	3-8mm 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
Ethemet	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 ~ 8Mbps)
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