



AVC-NCMMS161F04

NDA
COMPLIANT | CE | FC

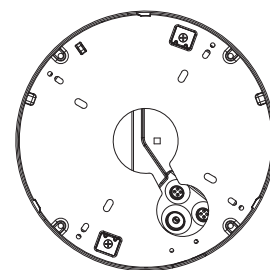
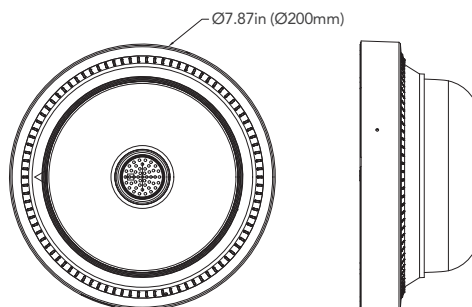
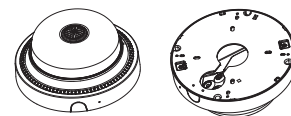
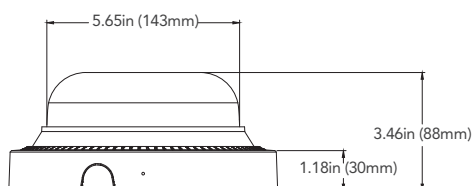
16MP H.265 MULTI-SENSOR NETWORK CAMERA
24/7 Color 360° Multi-Directional

OVERVIEW

- 4MP x 4ch Multi-directional, each sensor manually adjustable
- 2688x1520 H.265/H.265+/H.264/H.264+/MJPEG
- Max. resolution: 2688x1520
- Full Color / Active Deterrence Camera
- 2.8mm Fixed Lens (F1.2)
- 3D DNR, WDR, HLC, BLC
- Intelligent Analytics
- IR LED/ White Light LED
- Built-in MIC / Speaker
- Built-in microSD card slot, up to 512GB
- IP67 / IK08 ingress protection
- PoE+ / 12VDC / 24VAC power supply
- Remote monitoring with mobile app and management software

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-MMS-CVR-M1
TOP COVER



AVM-DUAL-WMT-L1
WALL MOUNT



AVM-PT-CMT-PM-L1
CEILING MOUNT



AVM-CRM-A1
CORNER MOUNT



AVM-P-POM-A2
POLE MOUNT



AVM-JB-WMT-A1
JUNCTION BOX
FOR WALL MOUNT



AVM-P-PWMT
PARAPET MOUNT



AVM-PT-TMT-T25
THREADED TOP
FOR PARAPET MOUNT

SPECIFICATIONS

VIDEO	
Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	2688x1520
Main Stream Resolution	2688x1520, 2304x1296, 1920x1080, 1280x720
Sub Stream Resolution	1280x720, 640x480, 320x240
Mobile Stream Resolution	N/A
Max. Framerate	15fps/15fps (60Hz/50Hz)
Min. Illumination (Color)	0.005 lux @ F1.2 (AGC ON)
Min. Illumination (B/W)	0 lux @ IR ON
CODEC	
Video Compression	H.265/H.264/H.265+/H.264+/MJPEG
Audio Compression	G.711A/U
LENS	
Focal Length	2.8mm
Lens Type	Fixed
Angular Field of View	H:109.7° V:57.6° D:131°
Max. Aperture Ratio	F1.2
Min. Object Distance	4.9ft (1.5m)
DORI	
DORI	Detection 167ft (50.9m), Observation 66.9ft (20.4m), Recognition 33.5ft (10.2m), Identification 16.7ft (5.1m)
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	Four flexible lenses in one track, slide range: -50° to 50°, tilt: 0° to 75°, rotate: 0° to 90°
OPERATIONAL	
IR LED	8
White LED	8
Red / Blue LED	N/A
Light Viewable Length	IR: Up to 65ft (20m), White Light: Up to 65ft (20m)
Image Mode	Full Color Mode / Day & Night Mode / Smart Illumination
Audio	Built-in MIC / Speaker
Alarm	1 x Input, 1 x Output
Wide Dynamic Range	120dB
Digital Noise Reduction	3D DNR
Analytics	Human & Vehicle, Tripwire Detection, Stationary Object Detection, Tripwire Count, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Loitering, Region Entrance, Region Exiting
Active Deterrence	Yes
Camera Title	Up to 31 characters
Backlight Compensation	BLC, HLC, WDR
Motion Detection	Rectangle Grid (8 Levels of Sensitivity)
Privacy Masking	6 Rectangle Zones
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	Auto / Manual (1/5 ~ 1/20000s)
Video Rotation	Flip, Corridor, Angle Adjustment
Alarm Triggers	Motion, Alarm, Sound Detection
Alarm Events	Warning Light, Siren, Event Push, E-mail Notification, Image file upload via FTP, Video file upload via FTP, Micro SD recording at event triggered
NETWORK	
Ethernet	RJ45(10/100BASE-T)
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter, Password protection, Digest authentication, Complicated password, IEEE 802.1X authentication, WSSE for ONVIF, Brute-Force Defense, HTTPS TLS 1.2/1.3, SNMPv1.3, RTSP over HTTPS, Security audit log, Encrypted firmware, Host authentication (MAC-address), Auto logout, watermark, Secure boot
Bitrate Control	CBR (256Kbps ~ 8Mbps), VBR (256Kbps ~ 8Mbps)
Streaming	Unicast / Multicast
Application Programming Interface	ONVIF Profile S/G/T/M
GENERAL	
SD Card Slot	Micro SD slot, up to 512GB
Starllion Ready	Yes
Ingress Protection	IP67, IK08
Camera System	Network
Product Series	Diversity
Product Dimensions	Ø7.87" × 3.46" (Ø200 × 88 mm)
Product Weight	6.48 lb (2.94 kg)
Material	Metal
Color	White
Housing Style	Multi-sensor
ELECTRICAL & ENVIRONMENTAL	
Power Consumption	12VDC: max. 16.8 W, 24VAC: max. 17.86 W, PoE+ (48V): max. 18.7 W
Power Input Voltage	PoE+ (IEEE 802.3at) / 12VDC / 24VAC
Operating Condition	-22°F to 140°F (-30°C to +60°C) / ≤ 90% RH
CERTIFICATION & STANDARDS	
NDAA Compliant	Yes
EMC	EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN IEC 61000-3-2:2019+A2:2024, EN 61000-3-3:2013+A2:2021+AC:2022-01
Safety	CE: EN IEC 62368-1:2020+A11:2020, FCC: FCC Rules and Regulations Part 15 Subpart B
Environment	CE-RoHS:(EU) 2015/863, IEC60529, IEC60068-2-14