



AVC-NSVD51F2D **AI**

NDA
COMPLIANT

 |

CE

 |

FC

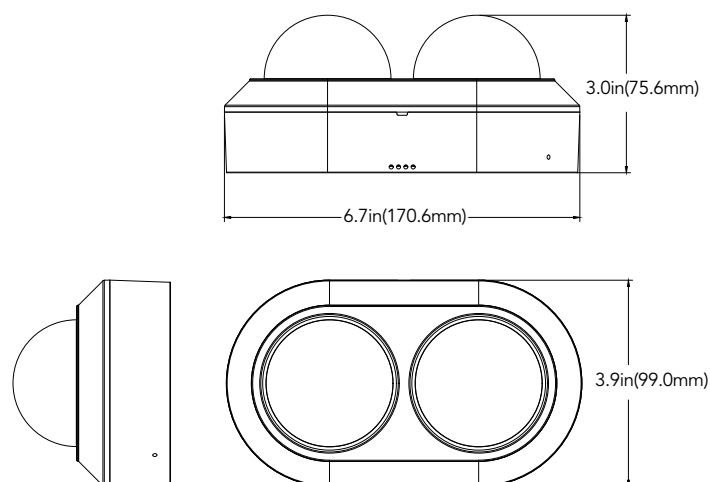
5MP H.265 DUAL DIRECTIONAL NETWORK CAMERA

OVERVIEW

- 2x 5MP (2944x1664) H.265+/H.265, H.264+/H.264, MJPEG
- Max. resolution: 2944x1664
- Full Color
- 2.8mm Fixed Lens
- 3D DNR, WDR, HLC, BLC
- Intelligent Analytics
- Smart IR Illumination Up to 49ft (15m)
- 2x Built-in MIC / 1x Speaker
- Built-in microSD card slot, up to 512GB
- IP67 / IK09
- PoE+ power supply
- Remote monitoring with mobile app and management software

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-HWM-SVD-D1
WALL MOUNT



AVM-HCM-SVD-D1
CEILING MOUNT

SPECIFICATIONS

VIDEO	
Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	2944x1664
Main Stream Resolution	2944x1664, 2560x1440,2304x1296,1920x1080, 1280x960, 1280x720
Sub Stream Resolution	1280 x 720, 640x480, 320x240
Mobile Stream Resolution	640x480, 320x240
Max. Framerate	30fps/25fps (60Hz/50Hz)
Min. Illumination (Color)	0.005lux @ (F1.6,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: 101.7°, V: 54.8°, D: 122.3°
Max. Aperture Ratio	F1.2
Min. Object Distance	6.56ft (2m)
DORI	
DORI	Detect 216.5ft (66m) Observation 86.6ft (26.4m) Recognition 43.3ft (13.2m) Identification 21.6ft (6.6m)
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	Manual Adjustment
OPERATIONAL	
IR LED	4
White LED	4
Red / Blue LED	N/A
Light Viewable Distance	IR: 65.6ft (20m) White Light: 49.2ft (15m)
Image Mode	Full Color Mode / Day & Night Mode / Smart Illumination
Audio	2x Built-in MIC / 1x Speaker
Alarm	1x Input, 1x Output
Wide Dynamic Range	120dB
Digital Noise Reduction	3D DNR
Analytics	Face Detection, Human & Vehicle Detection, Tripwire Detection, Tripwire Count, Stationary Object Detection, Heat Map, Crowd Density Detection, Queue Length Detection, Rare Sound Detection, Loitering Detection, Region Entrance Detection, Region Exiting Detection
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	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
Bitrate Control	CBR (8Kbps ~ 8Mbps), VBR (8Kbps ~ 8Mbps)
Streaming	Unicast / Multicast
Application Programming Interface	ONVIF Profile S/G/T/M
GENERAL	
SD Card Slot	MicroSD slot, up to 512GB
Starllion Ready	Yes
Ingress Protection	IP67(excluding gas-permeable membrane) / IK09
Camera System	Network
Product Series	Diversity
Product Dimensions	6.73in × 3.9in × 2.99in (171mm × 99mm × 76mm)
Product Weight	Approx. 1.65lb (749g)
Material	Metal
Color	White
Housing Style	Dual Dome
ELECTRICAL & ENVIRONMENTAL	
Power Consumption	PoE: max13.32W
Power Input Voltage	PoE+ (IEEE802.3at)
Operating Condition	22°F to 140°F (-30°C to +60°C)/less than ≤ 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