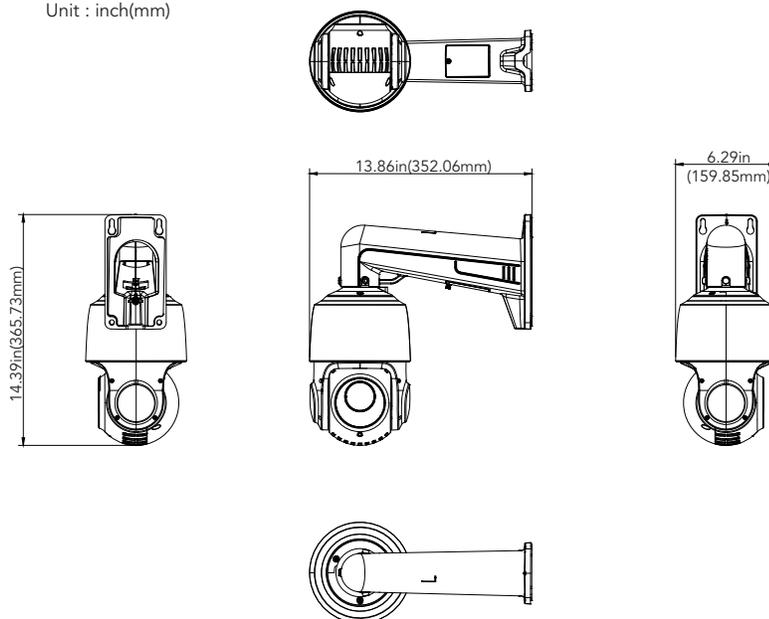# AVC-NSZ21X25LW AI

NDAA COMPLIANT | CE | FC

2MP 25X NETWORK IR SPEED DOME CAMERA

OVERVIEW

- 2MP (1920 X 1080)H.265+/H.264+/MJPEG
- Max. resolution: 1920x1080 @30fps
- 5 ~ 125mm Motorized Lens (Max F1.6)
- 3D DNR, WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- Auto Tracking
- Audio : 1 input / 1 output
- Alarm : 1 input / 1 output
- Built-in micro SD card slot with video and still image capture function (up to 512GB)
- IP66 ingress protection
- DC 12V/POE+, max. 22W
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

DIMENSIONS

Unit : inch(mm)

13.86in(352.06mm)

14.39in(365.73mm)

6.29in (159.85mm)

OPTIONAL ACCESSORIES

AVM-PT-CMT-PM-L1
CEILING MOUNT

AVM-CRM-A1
CORNER MOUNT BRACKET

AVM-P-POM-A2
POLE MOUNT BRACKET

SPECIFICATIONS

VIDEO	
Imaging Device	1/2.8" Progressive Scan CMOS
Resolution	Main Stream : 1920x1080,1280x960,1280x720
	Sub Stream : 640×480, 320x240
	Mobile Stream : 320x240
Max. Framerate	Main Stream: Max. 30fps/25fps(60Hz/50Hz)
	Sub Stream: Max. 30fps/25fps (60Hz/50Hz)
	Mobile Stream : Max. 30fps/25fps (60Hz/50Hz)
Min. Illumination	Color: 0.002 Lux @ (F1.6, AGC ON)
	B/W: 0 Lux with IR
Video Out	CVBS

LENS	
Focal Length (Zoom Ratio)	5mm to 125mm
Max. Aperture Ratio	Max. F1.6
Angular Field of View	Horizontal: 56.9°(W)~2.9°(T), Vertical: 32.2°(W)~1.6°(T), Diagonal: 65.2°(W)~3.6°(T)
Min. Object Distance	2.62ft (0.8M) (Wide) ~ 3.28ft (1M) (Tele)
Focus Control	Auto, Manual
Lens Type	Motorized

PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	360° / -10° to 90° (auto flip)

OPERATIONAL	
Camera Title	Title displayed up to 32 charactors
Day & Night	IR cut filter
Backlight Compens	BLC, HLC, WDR
Digital Noise Reduction	3D DNR
Digital Image Stabilization	N/A
Motion Detection	Rectangle Grid (8 Levels of Sensitivity)
Privacy Masking	4 Rectangle Zones
Gain Control	AUTO
White Balance	AUTO / MANUAL
LDC	N/A
Eletronic Shutter Speed	AUTO / Manual (1/5 ~ 1/20000s)
Video Rotation	Flip / Mirror
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 (LPR), Rare Sound Detection (RSD), Region Entrance Detection, Region Exiting Detection, Loitering Detection
Alarm I/O	1 input, 1 output
Alarm Triggers	Motion, Sound Detection
Alarm Events	Warning Light, Siren, Notofication via E-mail, Image file upload via FTP, Video file upload via FTP, Image file upload to Cloud (Dropbox), Video file upload to Cloud (Dropbox), Micro SD recording at event triggered, Event Push via HTTP / UDP
Audio In	1 input
Audio Out	1 output
IR Viewable Length	IR Distance: up to 328ft(100m)

NETWORK	
Ethernet	RJ45(10/100BASE-T)
Video Compression	H.265+/H.265 Main Profile, H.264+/H.264 High Profile,MJPEG(Sub Stream Only)
Audio Compression	G.711a / G.711u
Bitrate Control	8 kbps to 8192 kbps
Streaming	Unicast/Multicast
Protocol	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, TCP/IP, UDP, DHCP, PPPoE, RTMP (v8.2.3 firmware and above)
Security	Password protection, complicated password, HTTPS encryption, IP address filter,control timeout settings
Application Programming Interface	ONVIF Profile G/M/S/T, REST API

GENERAL	
Webpage Language	English, Korean
Edge Storage	Micro SD/SDHC/SDXC Slot (up to 512GB) with video and still image capture function
Memory	N/A

ENVIRONMENTAL & ELECTRICAL	
Operating Temperature / Humidity	-22 °F to 149 °F(-30 °C to 60 °C). Humidity 90% or less (non-condensing)
Storage Temperature / Humidity	
Certification	IP66 / NDAA
Input Voltage	DC 12V/PoE+
Power Consumption	Max. 22W (IR LED on)

MECHANICAL	
Color / Material	White / Metal
Product Dimensions / Weight	Ø Ø6.3 x 10.63in (Ø160 X 270mm) / 5.51lbs (2499g)

DORI (EN62676-4 STANDARD)	
Detect (25PPM/ 8PPF)	
Observe (63PPM/ 19PPF)	
Recognize (125PPM/ 38PPF)	
Identify (250PPM/ 76PPF)	