



AVC-NSZ41X04

NDA
COMPLIANT | CE | FC

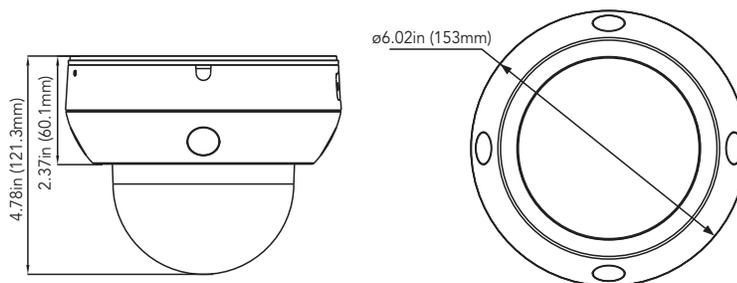
4MP COMPACT PTZ DOME NETWORK CAMERA

OVERVIEW

- 4MP (2560x1440) @ 30fps
- Max. resolution: 2560x1440
- Supports H.265+, H.264+, H.265, H.264, MJPEG
- True Day & Night
- Color: 0.001 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
- Up to 65t. IR / White LED Illumination
- 4X Optical Zoom
- 3D DNR, True WDR, HLC, BLC and ROI encoding
- 350° PAN / 80° TILT
- Built-in MIC & Speaker
- DC 12V/PoE
- IP66 / IK10 Ingress Protection
- Supports remote access with Windows, macOS, iOS and Android
- Operating Temperature: -22°F - 149°F, Humidity less than 90%
- Built-in micro SD card slot with video and still image capture function (up to 512GB)

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-JB-BE-S2
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-P-POM-A2
POLE
MOUNT BRACKET



AVM-HCM-E-L1
CEILING MOUNT
WITH JUNCTION BOX

SPECIFICATIONS

CAMERA					
Image Sensor	1/1.8" Progressive Scan CMOS				
Image Size	2560x1440				
Shutter Speed	1/5s to 1/20000s				
Min. Illumination	Color: 0.001 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR				
IR Distance	65.6ft (20M)				
Lens	2.8-12mm @ F No. 1.8 (W) ~ 3.3(T) H: 114.6(W) - 48.3(T)° V: 59(W) - 27.1(T)° D : 141.6(W) - 55.5(T)°				
Lens Mount	Motorized(Ø14)				
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/Schedule)				
Wide Dynamic Range	120dB				
Digital NR	3D DNR				
Backlight Compensation (BLC)	Off/On (5 Zone)				
Highlight Compensation (HLC)	Yes				
Defog	Yes				
Gain Control	Auto				
White Balance	Auto/Manual				
Flip/Mirror	Yes				
Supplement Light Type	Warm light				
PTZ					
Pan Range	350°				
Pan Speed	Configurable from 0.6° to 54°/s				
Tilt Range	0° to 80°				
Tilt Speed	Configurable from 0.6° to 52°/s				
Proportional Zoom	Yes				
Preset	255 (Preset calls have a limit of 20,000 times)				
VIDEO IMAGE					
Video Compression	H.265+, H.264+, H.265, H.264, MJPEG				
Resolution	4MP(2560x1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720), VGA(640x480), QVGA(320x240) @ 50/60 Hz				
Main Stream	60Hz: 4MP(2560x1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720) @ 30 FPS 50Hz: 4MP(2560x1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720) @ 25 FPS				
Sub Stream	60Hz: 720P(1280x720), VGA(640x480), QVGA(320x240) @ 30FPS 50Hz: 720P(1280x720), VGA(640x480), QVGA(320x240) @ 25FPS				
Mobile Stream	60Hz: QVGA (340x480, 320x240) @ 30FPS 50Hz: QVGA (340x480, 320x240) @ 25FPS				
Video Bit Rate	256Kbps ~ 8Mbps				
Image Settings	Day & Night, BLC, WDR, DNR, Privacy Masking, White Balance				
ROI	Yes				
NETWORK / INTERFACE					
Network	RJ45(10/100BASE-T)				
Network Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, RTMP (v8.2.3 firmware and above)				
Interface Protocol	ONVIF Profile G/M/S/T, REST API				
Web Browser	Microsoft Edge, Safari, Firefox, Google Chrome				
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission				
Security	IP Address Filter; Complicated Password; Authenticated Username and Password				
Streaming Method	Unicast / Multicast				
Storage	Micro SD/SDHC/SDXC Slot (up to 512GB) with video and still image capture function				
Video Output	No				
Audio	Built-in MIC / Built-in speaker				
Alarm	N/A				
Hardware Reset	Yes				
DORI DISTANCE					
	Lens	Detect	Observe	Recognize	Identify
	2.8 ~ 12mm (W)	167.9ft (51.2m)	80.4ft (66.6m)	22.5ft (10.2m)	16.7ft (5.1m)
	2.8 ~ 12mm (T)	398.6ft (121.5m)	158.1ft (48.2m)	79.7ft (24.3m)	39.7ft (12.1m)
FUNCTIONS					
Remote Monitoring	Avycon CMSONE, Avycon Mobile One				
Smart Alarm	Motion Detection				
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				
GENERAL					
Power Supply	D12V/POE(IEEE802.3af)				
Power Consumption	Max. 13.5W (IR LED on)				
Operating Environment	-22 °F to 149 °F(-30 °C to 60 °C) Humidity 90% or less (non-condensing)				
Dimensions (in)	6 x 4.7in (Ø153 X 118.8 mm)				
Weight (lb)	2.1lb (952g)				
Ingress Protection	IP66, IK10				