

AVC-NSZ41X04

NDAA COMPLIANT | CE | FC

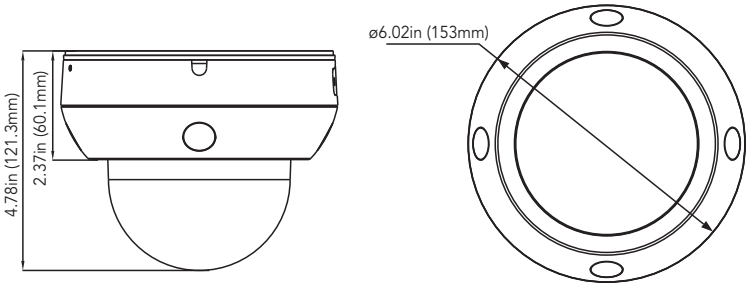
4MP COMPACT PTZ DOME NETWORK CAMERA

OVERVIEW

- 4MP (2560x1440) @ 60fps
- Max. resolution: 2560x1440
- Supports Smart H.265+, H.254+, 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-HWM-E-L1
WALL MOUNT
WITH JUNCTION BOX



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

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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	Up to 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.254+, 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) @ 60 FPS 50Hz: 4MP(2560x1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720) @ 50 FPS
Sub Stream	60Hz: 720P(1280x720), VGA(640x480), QVGA(320x240) @ 60FPS 50Hz: 720P(1280x720), VGA(640x480), QVGA(320x240) @ 50FPS
Mobile Stream	60Hz: QVGA（340x480, 320x240）@ 60FPS 50Hz: QVGA（340x480, 320x240）@ 50FPS
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
Interface Protocol	ONVIF(Profile S/G/T)
Web Browser	Mircosoft 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 Recognition(FR), Human&Vehicle Detection(PD&VD), Intrusion Detection(ID), Line Crossing Detection(LCD), Cross Counting(CC), Stationary Object Detection(SOD), Heat Map(HM), Crowd Density Detection(CD), Queue Length Detection(QD), License Plate Detection(LPD), Rare Sound Detection(RSD)
GENERAL	
Power Supply	D12V/POE(IEEE802.3af)
Power Consumption	N/A
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

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