

AVC-NSZ41X04
4MP COMPACT PTZ DOME NETWORK CAMERA



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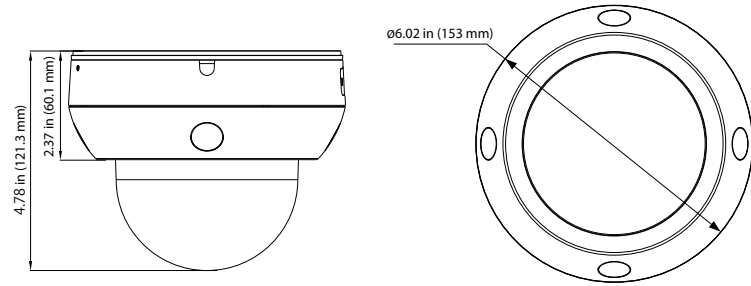
The AVYCON AVC-NSZ41X04 camera is a 4MP 4X PTZ Dome Network Camera, with an 0.001 Lux sensitivity, providing crisp color images of the environment even at night. This camera supports True Day and Night mode, PoE, and up to 65ft. of Smart IR Illumination. The camera also features Audio Input/Output connection, and is ONVIF Profile G, S, T and API Compliant. Optional accessories for this camera include Junction Box, and Wall Mount.

FUNCTIONS

- 4MP (2560 x 1440) @ 60fps
- Max. resolution: 2560 x 1440
- Supports Smart H.265/H.264 encoding
- 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%

DIMENSIONS

Unit : inch (mm)



OPTIONAL ACCESSORIES



AVM-JB-V-L1
 JUNCTION BOX



AVM-CWM-EDV-L1
 COMPACT
 WALL MOUNT



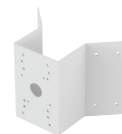
AVM-HWM-V-L1
 HEAVY DUTY
 WALL MOUNT



AVM-HCM-V-L1
 CEILING MOUNT



AVM-POM-A1
 POLE MOUNT



AVM-CRM-A1
 CORNER MOUNT

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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	120 dB WDR				
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				
Optical Zoom	Yes				
Preset	255 (Preset calls have a limit of 20,000 times)				
VIDEO IMAGE					
Video Compression	H.264 / H.265				
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				
Third 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	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	Built-in micro SD card slot, up to 256GB				
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				
Smart Analytics	Face Recognition (FR) Human&Vehicle Detection (PD&VD) Perimeter Intrusion Detection (PID) 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 4.7" in (Ø153 X 118.8 mm)				
Weight (lb)	2.1lb				
Ingress Protection	IP66, IK10				



AVYCON[®]

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