

**AVC-NPTZ21X30L**  
**2MP PTZ DOME NETWORK CAMERA**



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2MP PTZ DOME NETWORK CAMERA WITH INFINITE-STAR™ FEATURES

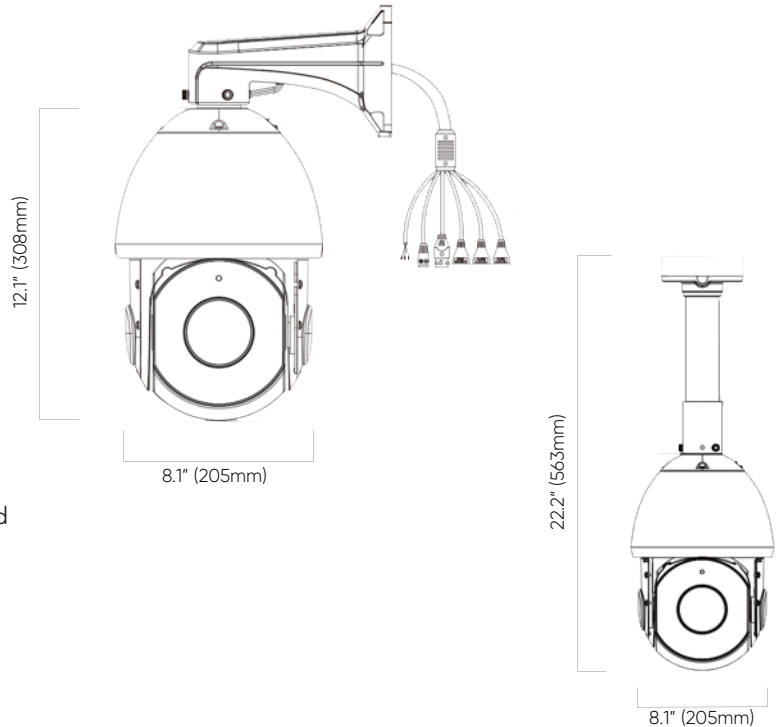
The AVYCON AVC-NPTZ21X30L camera is a 2MP 30X PTZ Dome Network Camera using Infinite-Star™ technology, with an ultra-low 0.002 lux sensitivity, providing crisp color images of the environment even at night. This camera supports True Day and Night mode, PoE, and up to 656ft. of Smart IR Illumination. The camera also features Alarm Input/Output connections, Audio Input/Output, a microSD slot (256GB max capacity), and is ONVIF Profile S,G and T Compliant. Optional accessories for this camera include Junction Box, Wall, Ceiling, Pole and Corner Mounts.

**FUNCTIONS**

- 2MP / 1080P ( 1920 × 1080 ) @ 60fps
- Max. resolution: 1920 x 1080
- Supports Smart H.265/H.264 encoding
- True Day & Night ICR with Infinite-Star™ Technology
- Up to 0.002Lux Sensitivity with Infinite-Star™ Technology
- Up to 656ft. IR Illumination
- IR Anti-reflection Design
- 30X Optical Zoom
- 3D DNR, True WDR, HLC, BLC and ROI encoding
- 360° Endless Pan
- Supports PTZ Auto Tracking
- 1 channel Audio input; 1 channel Audio output
- 2 channel Alarm input; 2 channel Alarm output
- Built-in micro SD card slot (max. 256 GB)
- AC 24V (3A) / PoE+ (802.3at, 25W Max)
- IP66 Ingress Protection
- Supports remote access with Windows, macOS, iOS and Android
- Operating Temperature: -40°F - 140°F, less than 90% RH

**DIMENSIONS**

Unit : inch (mm)



**OPTIONAL ACCESSORIES**



AVM-P-DDMTS-A1



AVM-P-PMT-A1



AVM-P-CMT-A1



AVM-P-PWMTL-A1



AVM-P-PCMTL-A1



**AVYCON**®

# AVC-NPTZ21X30L

## 2MP PTZ DOME NETWORK CAMERA

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on
WDR	140 dB True WDR
Shutter Speed	1/100,000s ~ 1s
IR Distance	Up to 656ft (200m)
IR Angle	Auto/Manual
Day & Night	True Day/Night - ICR Filter Auto Switch
S/N	>55dB
Digital Zoom	16x
Focal Length	4.7 ~ 141mm @ F1.5 ~ F4.0, 30X Optical Zoom
Zoom Speed	4 sec (Full Zoom)
Field of View	Horizontal: 62° ~ 3° / Diagonal: 70° ~ 3° / Vertical: 37° ~ 1°
Min. Working Space	100 ~ 1500mm
PTZ	
Pan Range	360° Endless
Pan Speed	Manual Pan Speed: 0.5° ~ 180°/s, Preset Pan Speed: 240°/s
Tilt Range	0° ~ 90° (Auto Flip)
Tilt Speed	Manual Tilt Speed: 0.5° ~ 120°/s, Preset Tilt Speed 200°/s
Proportional Zoom	Supported
Number of Presets	255
Preset Freezing	Supported
Patrol	8 Patrols, up to 48 presets each patrol
Pattern	4 Patterns
Power Off Memory	Supported
PTZ Position Display	On / Off
3D/Absolute Positioning	Supported
VIDEO STREAM	
Max. Image Resolution	1920 x 1080 - 60fps @ (1920 x 1080)
Primary Stream	(1920 x 1080): 60fps (1280 x 960, 1280 x 720, 704 x 576): 60fps
Secondary Stream	(704 x 576, 640 x 480, 640 x 360, 352 x 288, 320x240, 320 x 192, 320 x 176): 30fps
Tertiary Stream	(1920 x 1080, 1280 x 720, 704 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 192, 320 x 176): 30fps
Video Compression	H.265+ / H.265 (HEVC) / H.264+ / H.264 / MJPEG
Video Bit Rate	16Kbps ~ 16Mbps (CBR / VBR Adjustable)
Image Settings	Brightness / Contrast / Saturation / Sharpness
NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
Network Storage	NAS (Supports NFS, SMB / CIFS)
Protocol	IPv4 / IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, UPnP, SIP, SNMP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Web Access	Supports IE / Firefox / Chrome / Safari Browsers
AUDIO	
Audio Compression	G.711 / AAC
Audio I/O	1/1
SYSTEM	
Alarm I/O	2/2
Local Storage	Supports microSD / SDHC / SDXC Card Local Storage, up to 256 GB
Advanced Function	Auto Tracking, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur
SIP/VoIP Support	Yes, Voice&Video-over-IP
Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification
Video Analytics	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed
GENERAL	
System Compatibility	ONVIF Profile S & G & T
Working Temperature	-40° ~ 60°C (-40° ~ 140°F)
Working Humidity	0~90% (Non-Condensing)
Power Supply	AC 24V / 3A±10% / PoE+ (802.3at)
Power Consumption	13W MAX/ 25W MAX(With IR on)
Ingress Protection	IP66 Rated
Vandal Resistance	N/A
Surge Protection	6 KV
Weight	8.8lbs
Dimensions	8.1" x 12.1" (205mm x 308mm)



# AVYCON<sup>®</sup>

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