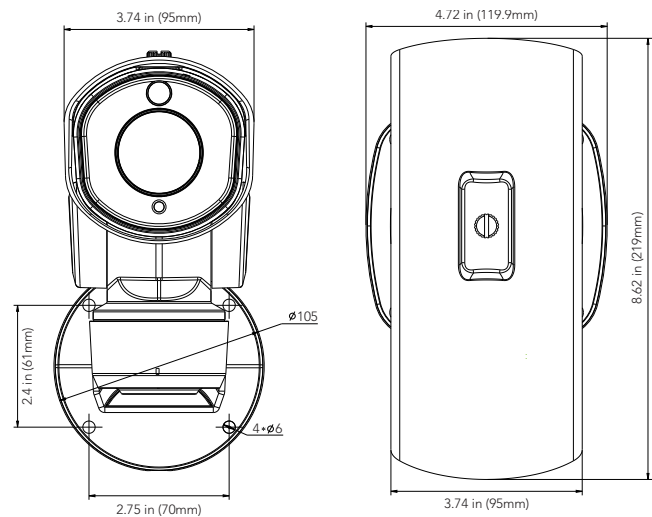**AVYCON**®

AVC-LHN21SVT-A1S

2MP AUTO-TRACKING PTZ BULLET CAMERA

OVERVIEW

- H.265 Video Compression Technology
- 2MP (1920 × 1080) H.265 Full Real Time Encoding
- Max. resolution: 1920 × 1080
- Supports Triple Streaming
- True Day & Night ICR with Starlight
- Ultra Low Light Sensitivity of 0.002Lux@F1.2 for optimal license plate captures
- Up to 460ft. Night Time Viewing Distance
- Supports PTZ Auto Tracking and 360° Endless Panning
- Video Analytics: Optional Intrusion, Line Crossing, Loitering, Tampering and Human Detection, Object Removal, Abandoned Object and People Counting
- Supports Defogging, HLC, BLC, Digital Image Stabilization, and advanced Shutter and Exposure control for LPR
- Supports Alarm Inputs and Outputs
- Supports PoE (10.5W / 20W with IR On) and DC 12V(2A)
- Supports Smartphone, iPad and Remote Monitoring
- IP66 Ingress Protection
- Operating Temperature: -40F - 140F, less than 90% RH
- Built-in micro SD card slot with video and still image capture function (up to 256GB)

DIMENSIONS

Unit : inch(mm)

3.74 in (95mm)
2.4 in (61mm)
2.75 in (70mm)
ø105
4*ø6

4.72 in (119.9mm)
8.62 in (219mm)
3.74 in (95mm)

OPTIONAL ACCESSORIES

AVM-LDMT-W-A1   AVM-P-PMT-A1   AVM-P-CMT-A1

AVYCON   www.avycon.com

SPECIFICATIONS

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 Super WDR
Shutter Speed	1/100,000s ~ 1s
IR Distance	Up to 460ft (140m)
Digital Zoom	16x
Day & Night	True WDR - ICR Filter Auto Switch
Focal Length	5.3 ~ 64mm, 12x Optical Zoom
Zoom Speed	3.1 sec
Field of View	H57° ~ H4° / D69° ~ D5° / V44° ~ V1°
Min. Working Space	1000 ~ 1500mm (Wide-Tele)
Aperture	F1.6 ~ F2.8
PTZ	
Pan Range	360° Endless
Pan Speed	Manual Pan Speed: 0.2° ~ 60°/s, Preset Pan Speed 100°/s
Tilt Range	-45° ~ 30°
Tilt Speed	Manual Tilt Speed: 0.2° ~ 30°/s, Preset Tilt Speed 60°/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 Postition Display	On / Off
3D Positioning	Supported
VIDEO STREAM	
Max. Image Resolution	1920 x 1080
Primary Stream	(1920 x 1080): 30fps (1280 x 960, 1280 x 720, 704 x 576): 30fps
Secondary Stream	(704 x 576, 640 x 480, 640 x 360, 352 x 288, 320x240,320 x 192, 320 x 176): 30fps
Teritary 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, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
AUDIO	
Audio Compression	G.71 / AAC
Audio I/O	N/A
SYSTEM	
Alarm I/O	1/1
Local Storage	Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
Advanced Function	Auto Tracking, Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-Fog, White Balance, EIS, IP Address
SIP/VoIP Support	Yes, Voice & Video-over-IP
Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. (Non-PoE Version) FTP Upload, SMTP Upload, SD Card Record, External Output, SIP
Event Action	Phone, White LED, PTZ Motion, HTTP Notification, etc.
Video Analytics	Intrustion, Line Crossing, Loitering, Tampering and Human Detection, Object Removal, Abandoned Object and People Counting
GENERAL	
System Compatibility	ONVIF Profile S & G
Working Temperature	-40°~ 60°C (-40° ~ 140°F)
Working Humidity	0~90% (Non-Condensing)
Power Supply	DC 12V / 2A±10% / PoE (802.3at)
Power Consumption	10.5w Max / 20w Max (With IR on)
Ingress Protection	IP66 Rated
Weight	4.4lbs (Wall Mount) / 3.9lbs (Pedestal Mount)
Dimensions	Wall Mount: 6.29" x 10.76" x 8.26" (160mm x 273.5mm x 210mm) Pedestal Mount: 8.58" x 4.72" x 6.77" (218MM x 120mm x 172mm)