4MP HD LPR ANPR **BULLET NETWORK CAMERA**

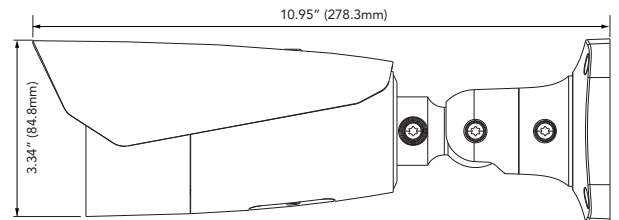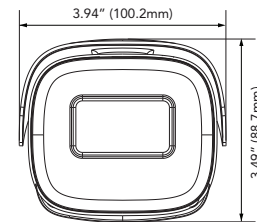*4MP HD LPR ANPR BULLET NETWORK CAMERA WITH INFINITE-STAR™ FEATURES*

The AVYCON AVC-NBL41M-L1 camera is a 4MP ANPR Bullet IP Camera using Infinite-Star™ technology, with an ultra-low 0.005 lux sensitivity, providing crisp color images of people and license plates, even at night. This camera also supports a built-in automated license plate reader, capturing plates at speeds up to 43 mph, and the ability to save snapshots and create an allowed list for access control. This camera supports True Day and Night mode, PoE, and up to 230ft. of Smart IR Illumination. The camera also features Alarm Input/Output connections, Audio Input/Output, a microSD slot (256GB max capacity), and is ONVIF compliant. Optional accessories for this camera include a Junction Box Mount.

FUNCTIONS

- 4MP / 2592 × 1520 @ 30fps
- Max. Resolution: 2592 × 1520
- Supports Smart H.265/H.264 Encoding
- True Day & Night ICR with Infinite-Star™ Technology
- Up to 230 ft. IR Illumination
- Motorized 8 ~32 mm Zoom Lens
- Supports Automated LPR (ANPR) with allowed list for access control
- 3D DNR, True WDR, HLC, BLC and ROI Encoding
- Hardware Reset button
- 1 channel Audio input; 1 channel Audio output
- 1 channel Alarm input; 1 channel Alarm output
- Built-in micro SD card slot with video and still image capture function (up to 256GB)
- DC12V / PoE (802.3af)
- P2P Function Optional
- IP67 Ingress Protection
- Supports Triple Streams
- Supports Remote Access with Windows, macOS, iOS and Android
- Operating Temperature: -22°F - 140°F, less than 90% RH

DIMENSIONS

Unit : inch (mm)

3.94" (100.2mm)

3.49" (88.7mm)

10.95" (278.3mm)

3.34" (84.8mm)

OPTIONAL ACCESSORIES

AVM-EDMTS-W-TL1

AVM-P-PMT
(Junction Box Not Included)

AVM-P-CMT
(Junction Box Not Included)

AVM-PT-PCMT
(Junction Box Not Included)

AVC-NBL41M-L1
4MP HD LPR ANPR BULLET NETWORK CAMERA

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005 lux @ F1.4
Shutter Speed	1/100,000s ~ 1/25s
IR Distance	Up to 230ft (70m) Smart IR Illumination
Day & Night	True Day/Night - ICR Filter Auto Switch
Focal Length	8 ~32 mm
Field of View	103.4°~32.4°
WDR	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR

VIDEO STREAM	
Max. Image Resolution	2592 x 1520 @ 30fps
Supported Resolutions	2592 x 1520, 2560 x 1440, 2304 × 1296, 1920 x 1080, 1280 × 720, 704 x 480, 352 x 240, 480 × 240
Main Stream	60Hz: 4MP/2K/3MP/1080P/720P(1~30fps) 50Hz:4MP/2K/3MP/1080P/720P(1~25fps) HPR Mode: 1080P/720P(1~60fps/50fps)
Sub Stream	60Hz: 720P/D1/CIF(1~30fps); 50Hz: 720P/D1/CIF(1~25fps)
Third Stream	60Hz: D1/CIF/480x240(1~30fps); 50Hz: D1/CIF/480x240(1~25fps)
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 /H.264+ / H.264 / MJPEG
Video Bit Rate	64 Kbps~6 Mbps (CBR / VBR Adjustable)
Video Bit Rate Type	VBR/CBR
Image Settings	ROI, Brightness, Saturation, Chroma, Contrast, Wide Dynamic, Sharpen, NR; Configurable through Software or Web Browser

NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
API	ONVIF Profile S / G
Protocol	HTTP, HTTPs, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, PPPoE, DHCP
Max Streams	Up to 10 channels Live View
Max Users	Up to 10 accounts; 3 User Levels: Administrator, Advanced User, Normal User

AUDIO	
Audio Compression	G.711A/U
Audio I/O	1 / 1

VIDEO ANALYTICS	
Snapshot	Overview and cutout of plate for picture
Allowed List	10,000
Capture Speed Range	0~43mph
Basic Events	Watermark, IP Address Filtering, Video Mask, Heartbeat, Password Protection, Non-Photosensitive Switch, Image Distortion Correction
Smart Events	License Plate Recognition, Scene Change Detection, Abnormal Video Detection, Video Tampering Detection, Line Crossing Detection, People Intrusion, People Counting
Alarm Link Events	Motion Detection, Sensor Alarm, SD Card Full, SD Card Error, IP Address Conflict, Network Disconnection

INTERFACES	
Storage	Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
RS 485	Yes
Wiegand	Yes (26bit)
Alarm I/O	1/1

GENERAL	
Working Temperature	-30°C~60°C (-22°F~140°F)
Working Humidity	0~95% (Non-Condensing)
Power Input	DC 12V / PoE (802.3af, <11W)
Ingress Protection	IP67 Rated
Weight	2.4lbs
Dimensions	10.95" x 3.94" x 3.49" (278.3mm × 100.2mm ×88.7mm)

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