

OPTIVIEW



LPRIP4M-ANPR-832DL

4MP Starlight Active Deterrence ANPR Network Camera



4MP IP

Capture HD video footage with 4MP IP 8 ~ 32MM variable focus lens with a maximum aperture of F1.6



Starlight

Advanced Starlight illuminates the darkness with a minimum of 0.001 LUX before IR turns on.



ANPR

Automatic Number Plate Recognition available for convenient entrance/exit management.



Active Deterrence

Built-In Mic & Speakers with red & blue alarm light provides active deterrence where you need it the most



IP67 & IK10

All metal aluminum housing for indoor and outdoor installations with IK10 vandal rating.

STARLIGHT TECHNOLOGY

The LPRIP4M-ANPR-832DL is capable of producing a stunningly clear, colorful video with low illuminance enhancement for darker environments using starlight technology. In environments lower than 0.001 Lux on board IR illumination kicks in. This camera provides clear video capture in both day and night with high definition video output.

ACTIVE DETERRENCE

With built-in mic and speaker along with blue/red alarm light the LPRIP4M-ANPR-832DL paired with advanced intelligent perimeter protection provides active deterrence for unwanted intruders where you need it the most.

AUTOMATIC NUMBER PLATE RECOGNITION (ANPR)

Automatic Number Plate Recognition available for convenient entrance/exit management. Support license plate recognition, black/white list import/export, add/delete B/W list number, search result from recorded video. This feature requires a supported license plate recognition camera and may require a license fee.

SMART IMAGE SELF-ADAPTATION

Optiview's Smart Image Self-Adaptation technology leverages advanced deep learning techniques to enhance image quality by analyzing various scenes and automatically setting optimal parameters for each scenario. Whether it's challenging weather conditions like rain, snow, and fog, or tough indoor/outdoor environments, our technology ensures that the LPRIP4M-ANPR-832DL captures clear and detailed images even in difficult-to-see scenes.

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WIDE DYNAMIC RANGE

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, Ultra WDR (140 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

ANR TECHNOLOGY

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

EDGE RECORDING

Optional edge recording with an optional memory slot expandable up to 256GB.

COMMERCIAL GRADE EQUIPMENT

Built for endurance, this all metal housing is rated IP67, which means it is protected from water and dust but is also vandal proof resistant rating of IK10. Mount this camera anywhere with it's 3-axis cable management bracket. Additional junction boxes and brackets are available for additional installation options, and help further protect your cables and connections.

PRODUCT SPECIFICATIONS

CAMERA	
Image Sensor	1/1.8-in. 4MP CMOS
Image Resolution	2688 × 1520
Electronic Shutter Speed	1/25 s to 1/100,000 s
Maximum Detection Speed	75 mph
RAM/ROM	1 GB / 4 GB
S/N Ratio	> 56 dB
Scanning System	Progressive
Minimum Illumination	Color (30 IRE): 0.001 lux at F1.6 B/W (30 IRE): 0.0002 lux at F1.6 Illuminator On: 0 lux
Illuminator Number	Four (4)
Illuminator On/Off Control	Auto, Manual
Illuminator Type	730 nm IR, Warm Light
Illumination Distance	ANPR: 65.62 ft Video Monitoring: 196.85 ft
Infrared Wavelength	730 nm
Capture Distance	26.25 ft to 65.62 ft
Detection Width	19.69 ft to 26.25 ft

CAMERA CONT.	
Maximum Number of Passed Vehicles	10,000
Maximum Number of Connections	10

LENS					
Focal Length	8 mm to 32 mm				
Field of View	Horizontal: 39.9° to 15.1° Vertical: 21.8° to 8.5° Diagonal: 46.6° to 17.4°				
Focus Control	Auto, Area Focus, Manual				
Number of Lens	One (1)				
Lens Type	Motorized Vari-focal				
Maximum Aperture	F1.6				
Iris Control	P-Iris				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	524.93 ft	209.97 ft	104.99 ft	52.49 ft
	T	1334.97 ft	534.12 ft	267.06 ft	133.53 ft

VIDEO	
Streaming Capability	Two (2) Streams

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PRODUCT SPECIFICATIONS CONT.

VIDEO CONT.	
Video Resolution	Main Stream: 4MP (2688 × 1520), 1080p (1920 × 1080), 720p (1280 × 720) Sub Stream: 720p (1280 × 720), 960H (960 × 480), D1 (704 × 480), CIF (352 × 240)
Frame Rate	Main Stream: 2688 × 1520 / 1920 × 1080 / 1280 × 720 at 30 fps Sub Stream: 1280 × 720 / 960 × 480 / 704 × 480 / 352 × 240 at 30 fps
Video Compression	H.264H, H.264B, H.264M, H.265, MJPEG
Video Bit Rate	H.264B: 2,179 kbps to 13,074 kbps H.264M: 2,179 kbps to 13,074 kbps H.264H: 2,179 kbps to 13,074 kbps H.265: 2,179 kbps to 13,074 kbps MJPEG: 6,537 kbps to 39,223 kbps
Scene Self-Adaptation (SSA)	Supported
Gain Control	Manual, Auto
Noise Reduction	3DNR
Region of Interest	Three (3)
Image Tampering Prevention	Supported (Verified watermarks can be added to video.)
Bit Rate Control	CBR, VBR

IMAGE	
Image Encoding Format	JPEG
Image Settings	Brightness, Contrast, Saturation, Gamma, Sharpness, Gain, White Balance
Day/Night	IR Filter, Auto, Color, B/W
White Balance	Auto, Regional Custom, Manual, Outdoor, Natural, Street Lamp
Digital Detail Enhancement (DDE)	Supported
OSD Overlay	Supported (Time and Plate)

INTELLIGENT VIDEO SYSTEM FUNCTIONS	
Standard Features	Tampering with the camera. Error writing to an onboard Micro SD card. Error sending or receiving data over the network. Unauthorized access to the camera. IP Address Conflict
Premium Features	Intrusion: A target enters or exits a defined perimeter.

ANALYTICS+ FUNCTIONS	
Loitering Detection	Target is in motion inside a defined area longer than a specified amount of time.

NETWORK	
Network Protocol	HTTP, HTTPS, 802.1x, TCP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, IPv4/v6, NTP, SFTP, DDNS, SNMP, PPPoE
Interoperability	ONVIF (Profile S/Profile G/Profile T), CGI, ITSAPI, P2P API, SDK
Mgmt. Software	VMX, VMX Mobile
Security	Username and Password, MAC address, HTTPS, IEEE 802.1x, Network Access Control
Browser	Chrome 92 or Later
List Capacity	110,000 (Allow List and Block List)
BLC Mode	BLC, HLC, Ultra WDR (140 dB)

INTERFACE	
Audio	Input: Built-in Microphone (Pick-up Distance of 9.84 ft, Sampling Rate of 48 k) Output: One (1) RCA Channel, Built-in Speaker (2 W Power Consumption)
Alarm	Input: Two (2) Optocoupler Input (Wet Node On-off Value: 5 V) Output: Two (2) Relay output (2A 30 VDC/0.5A 125 VAC)
RS-485	Two (2) (Half Duplex, Transparent, DHRS, Push Data via Serial Port)
Network	RJ-45 (10/100/1000 self-adaptive Ethernet Port)
Reset Button	One (1)
Storage	256 GB

ELECTRICAL	
Power Supply	12 VDC, 2 A and POE: 802.3at, Type 2, Class 4, (44V to 57V), 0.455A to 0.351A, max. 20W
Power Consumption	No Lightning : < 6 W Lightning: < 12 W Maximum: < 17 W (Speaker + Red/Blue Warning Lights On)

ENVIRONMENTAL	
Ingress Protection	IP67
Vandal Resistance	IK10
Operating Temperature	-22 °F to +149 °F

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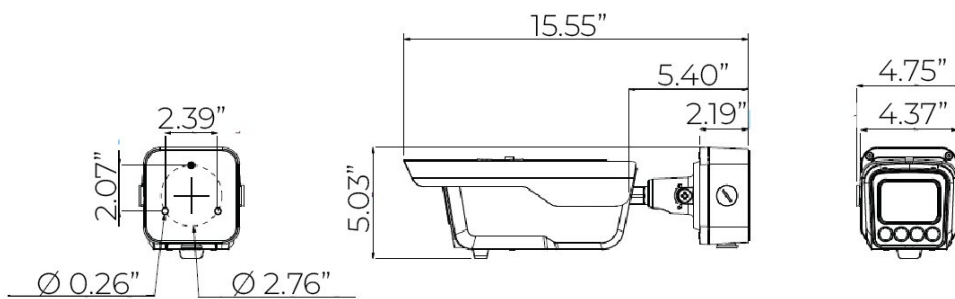
PRODUCT SPECIFICATIONS CONT.

ENVIRONMENTAL CONT.	
Operating Humidity	10% to 90% (non-condensing)
Storage Temperature	-40 °F to +158 °F
Storage Humidity	≤ 95% (non-condensing)

GENERAL	
Material	Aluminum Alloy (Body) + Plastic
Product Dimensions	15.59 in. × 4.76 in. × 5.03 in.
Package Dimensions	17.52 in. × 9.37 in. × 9.02 in.
Net Weight	5.07 lb
Gross Weight	7.05 lb

CERTIFICATIONS	
Safety	IEC 62368-1:2014 (Second Edition)
Electromagnetic Compatibility (EMC)	47 CFR FCC Part 15 Subpart B, Class B
	EN 55032:2015, Class B
	EN 61000-3-2:2014
	EN 61000-3-3:2013
	EN 55024:2010+A1:2015
	EN 55035:2017
	EN 50130-4:2011+A1:2014

DIMENSIONS



ADDITIONAL PRODUCTS



OPTIVIEW'S VIDEO MONITORING SOFTWARE
Remote Monitoring



NVR32-8E-AI
32MP 32 Channel 2u NVR with Analytics



IP5MPTZ-4XAD-NCV
5MP Active Deterrence NDAA Compliant PTZ



IP12F-NCV
12MP Ultra HD Fixed Fisheye Camera



IP2MPTZ33-NCV
2MP Low Light PTZ with 33x Optical Zoom