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Bullet > AI LPR



AI LPR

UVC-AI-LPR

Datasheet

In The Box

Marketing Images

Installation Guide

Microphones

AI detection LED ring

Advanced LPR: high-speed detections at night*

4K (3840 x 2160)

109.9° viewing angle

3x optical zoom

Light sensor

IR LEDs: 15 m (50 ft) capture distance

130 mm

151.4 mm

302.9 mm

Weatherproof IP66 rated

Adjustable, three-way mount

Wall, ceiling mount

Pole mount

Cloud Managed

Professional PoE+

AI LPR

*The AI-LPR is optimized to exclusively capture reflective or non-reflective license plates at night. Install additional cameras to capture other vehicle details.

Overview

Dimensions	130 x 151.4 x 302.9 mm (5.1 x 6 x 11.9")
IR Night Vision	15 m (50 ft)
Zoom Mode	3x Optical
License Plate Recognition	✓
Smart Detections (People, Vehicles, Animals)	✓
Resolution	4K
Field of View	Wide: H 109.9°, V 60°, D 127.7° Tele: H 35°, V 19.8°, D 40°
Audio	Microphone

https://techspecs.ui.com/unifi/cameras-nvrs/uvc-ai-lpr

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Weatherproofing	IP66
Tamper Resistance	IK04
Mounting	Wall, ceiling, pole mount (Included) Junction box, angled base (Optional)

^ **Performance**

Networking Interface	GbE RJ45 port
Video	
Image Settings	Color, brightness, sharpness, contrast, white balance, exposure control, 2DNR, 3DNR, NR by motion, masking, text overlay
Max. Frame Rate	30 FPS
Resolution	8MP 3840 x 2160 (16:9)

Optics

Sensor	1/1.8" 8MP
Lens	F 4.1-12.3 mm; f/1.53-f/3.3
IR Capture Distance	15 m (50 ft)
LPR Night Mode	LPR optimization filter

^ **Hardware**

Max. Power Consumption	25.5W
Supported Voltage Range	42.5-57V DC
Power Method	PoE+
Processor	Quad-core Arm® Cortex®-A53 based chip
Pole Mount Diameter	1.5-2" (38-50 mm)
Weight	1.5 kg (3.3 lb)
Enclosure Material	Aluminum alloy, polycarbonate
Mount Material	Aluminum Alloy
Expansion Slot	Micro SD memory card
Button	(1) Factory-reset
Cable	
Cable Connector Type	RJ45

Cable Diameter	4.5 mm (0.2")
Cable Length	30 cm (1 ft)
Jacket Material	Thermoplastic elastomer
Jacket Enclosure Dimensions	Ø20 x 70.6 mm (0.8 x 2.8")
Jacket Enclosure Material	Thermoplastic elastomer, polycarbonate, silicone rubber
Ambient Operating Temperature	-20 to 50° C (-4 to 122° F)
Ambient Operating Humidity	10 to 90% noncondensing
NDAA Compliant	✓
Certifications	CE, FCC, IC

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