



ALPR- Automatic License Plate Recognition



Fast & accurate for all conditions

Watermelon's Automatic License Plate Recognition (ALPR) system is a simple yet accurate system used for monitoring and capturing the license plates of vehicles that enter and exit your parking facility and can also be used as a security camera for streaming and recording video.

Watermelon ALPR is much faster and more efficient than traditional access control systems and enables greater vehicle volumes which results in higher turnover and patronage at your property.

Benefits

Equipped with high-resolution ALPR and context cameras, as well as on-board illumination, it covers a wide field-of-view and provides high-quality images and video, day or night.

With hardware-accelerated processing on-board, the LPR camera doesn't rely on remote servers for analysis. This means uninterrupted performance when connectivity is unavailable and reduces the data streaming impact on your network.

Watermelon is integrated with Genetec's AutoVu ALPR range of products, one of the world's market leaders in the space; with its embedded 4G/LTE communication option, motorized lenses with auto-focus & zoom, and support for both 24V DC and PoE++ power, installing is quick & easy.



Specifications

LPR camera sensor 1280 x 960 @ 30 fps; monochrome; global shutter

Capture range Standard Range: 9-60 ft (3-18.25 m)
Long Range: 60-115 ft (18-35 m)

Dimensions 2.5 in x 7.6 in x 8.5 in (63 mm x 192 mm x 214mm)

Weight 5.04 lb (2.29 kg)

Illuminator Pulsed LED illuminator for effective use in 0 lux (total darkness) environments 940nm, 850nm, 740nm and 590nm illumination wavelengths available

Context camera sensor (not in ITS model) 1280 x 960 @ 30 fps; color; global shutter

Operating Temperature -40°F to 140°F (-40°C to 65°C) ambient

On-board Analytics Single-camera speed estimation, direction of travel and virtual loop

Power supply PoE+ (Power-over-Ethernet) - 802.3at Type 2 (25.5 W)

Cabling Cat5e cable (special connector provided for IP67 rating)

Sealing (Water/Dust Protection) IEC 60529: IP66/IP67

Still image compression JPEG compression for ALPR and Context still images

Video streaming H.264 @ up to 30 fps; MJPEG @ up to 15 fps

External interface 1 x 10/100/1000 Base-T Ethernet port

60068-2-27: 10g | 16ms half-sine NEMA TS-2: 5~30 Hz | 0.5 g double -amplitude

Electromagnetic immunity & emissions FCC part 15 Subpart B | ICES-003 Issue 4 | CISPR32 / EN55032 | CISPR 24 / EN 55024

EMC Directive (CE marking) 2014/30/EU

External I/Os 2 inputs / 2 outputs (opto-isolated)