

iluminar

LPRS Series

Product Features

- License Plate Recognition (LPR) camera
- 24 Hour plate capture
- Capture range up to 32' (10m)
- No sunlight or headlight glare
- No motion blur
- Stylish compact all-in-one unit
- Captures plates at speeds of up to 30mph
- No set-up required
- IP67 rated
- 24VDC or 24VAC input
- 2 year warranty



Who are Iluminar?

Iluminar (which stands for "illuminate" in Spanish) are a specialist manufacturer and supplier of IR and white light illuminators and license plate recognition products. The owners have over 30 years combined industry experience. Our company mission is to **supply high quality and reliable lighting and license plate recognition products to the CCTV industry, backed by unsurpassed customer service.**

What is License Plate Recognition?

Capturing license plates which can be used as evidence has always been a challenge for standard CCTV cameras. More often than not, the license plate is obscured by reflections from the sun or from the car headlights, making the video footage virtually useless. There is often little use in recording the vehicle without the license plate.

This problem has been overcome by Iluminar's range of License Plate Recognition cameras. These have been designed to capture license plates 24/7, irrespective of the lighting conditions or the speed with which the vehicle is travelling.

A high resolution camera in the LPRS provides high quality images across the complete spectrum.

The LPRS is an all-in-one system integrating camera, lighting, filter, lens and electronic synchronization control into a single enclosure. Each unit is pre-calibrated and tested for simple installation.

A unique cabling and power system ensures simple installation minimizing time spent on site.

The LPRS provides a standard 1V peak-to-peak video output which can be used with any LPR software engines.

Models

Model Number	Capture Distance	Power
LPRS-32-24	6'-32' (2-10m)	24VAC/DC (380mA)



General

Construction	Aluminum
Finish	Black powder coated
Weight	4.8lb (2.2kg)
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)
Dimensions (LWH)	3.8" x 3.6" x 12" (WxHxL) (97 x 91.5 x 305mm)
Connections	IP67 rated pre-made cable
Mount	Aluminum feed through wall mount
Sunshield	Supplied as standard

Electrical

Input Voltage	24VAC or 24VDC
Operating current	
LPRS-32-24	180mA ~ 380mA (max.) Adjustable by pot

Illuminator

LED synchronized pulsed array @850nm (covert)	
IR Spectrum	850nm (High-Power IR LED): Ø8 - 14ea

Viewable Distance

LPRS-32-24	More than 15' (5m) at 0 lux
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LPR Camera

Camera	Monochrome 1/3" CCD Ex-View image sensor
Pixels	768 x 494
Resolution	600TVL resolution
Video Output	1Volt peak-to-peak 75 Ohms unbalanced

Certifications

Meets NEMA Type 4 and IP67 standard