

LPRC Series

Product Features

- Color License Plate Recognition (LPR) camera
- True day/night
- Color by day, b/w by night
- 24 Hour plate capture
- Capture range up to 45' (15m)
- 5-50mm varifocal lens
- No sunlight or headlight glare
- No motion blur
- Stylish compact all-in-one unit
- Captures plates at speeds of up to 35mph
- No set-up required



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 CBC'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 LPRC provides high quality images across the complete spectrum.

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



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Specifications

Models

Model Number	Capture Distance
LPRC-45-24	9'-45' (3-20m)

Camera should be no more than 15 degrees off center and installed no higher than 9' (3m)



General

Construction	Aluminum
Finish	Silver
Weight	3.96lb (1.8kg)
Operating Temperature	-40°F ~ 122°F (-40°C ~ +50°C)
Dimensions (LWH)	3.9" x 3.9" x 11.9" (WxHxL) (101 x 100 x 297mm)
Connections	IP67 rated pre-made cable
Mount	Aluminum feed through wall mount

Electrical

Input Voltage	12Vdc or 24VAC
Operating current	12VDC: 180mA (IR off) / 520mA (IR on) 24VAC: 90mA (IR off) / 260mA (IR on)



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Illuminator

LED synchronized pulsed array @850nm (covert)

IR Spectrum	850nm (High-Power IR LED)
Viewable Distance	More than 66' (20m) at 0 lux
MTBF	20,000 hours

LPR Camera

Image Sensor	1/3" Sony Super HAD CCD II
Pixels	768x494
Resolution	560TVL(D)/ 600TVL(N)
Video Output	1Volt peak-to-peak 75 Ohms unbalanced
Shutter Speed	Automatic Shutter Speed Control of 1/1600 sec. or 1/5000 sec. by Color mode and B/W mode
S/N ratio	More than 52dB (AGC Off)
Min. Illumination	0 Lux
Gamma correction	Standard $\gamma = 0.45$
White Balance	ATW (2,000°K ~10,000°K)
Gain control	Standard : -6dB ~ 34dB Auto
Smear effect	0.005%
Lens	5-50mm varifocal DC Auto Iris lens

Certifications

Meets NEMA Type 4 and IP67 standards

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