



QUICK-DEPLOY LPR CAMERA SYSTEM

Safety should be simple. By combining sophisticated license plate recognition (LPR) with consumer-grade ease of installation the L6Q camera system enables law enforcement agencies and businesses alike to better ensure the safety and security of the people they serve.

This next generation of quick-deploy LPR camera includes a new, high-capacity, swappable internal battery along with solar and AC/DC direct line power options. Additionally, configuration and activation takes place from your Android or iOS smartphone using our [Mobile Companion application](#).

On-board the L6Q, radar-based triggering can be configured for only vehicles moving at specific speed thresholds and directions of travel to focus on only the data you're interested in. The long-range, integrated infrared (IR) illumination and a new starlight sensor enable you to scan vehicles even in complete darkness. And lastly, a tamper-proof design and paintable, removable shroud makes the L6Q physically secure while blending in with its surroundings.

Like all of our license plate recognition camera systems, the L6Q seamlessly connects with our suite of software solutions. This includes Vigilant VehicleManager where your data is retained and shared based on your preferences, as well as operationalized by our patented analytics and search capabilities.





RAPID INSTALL. RAPID INSIGHT.



EASILY INSTALL OUT-OF-BOX

Start scanning plates in a matter of minutes with only one person required to install, configure and activate the L6Q.



GET THE DATA THAT MATTERS

Configure the L6Q to collect the plate, make, model, color and speed data you need - in light and dark conditions.



READY FOR ANY ENVIRONMENT

Deploy the L6Q where and when it's needed without worrying about weather, security, power source, or connectivity.



AMPLIFY INSIGHT & AWARENESS

Go beyond alerting and searching with patented analytics, complete control over data retention and broad sharing options.



L6Q LICENSE PLATE READER

DETECT

KEY SPECIFICATIONS

CAMERA PERFORMANCE

| | |
|--------------------------|---|
| Optimal Capture Distance | 55 ft (16.8 m) |
| Capture Range | 30 - 75 ft (9.1 - 22.9 m) |
| Capture Speed Maximum | 100 mph (161 km/h) 75 mph (121 km/h) recommended |
| Field of View | 24 ft (7.3 m) (multi-lane coverage) |

OPTICS

| | |
|-------------------------|------------------------|
| Sensor Type | 2.1MP Starlight Sensor |
| Image Resolution | 1920 x 1080px |
| Pulsed LED Illumination | 850 nm |

HOUSING

| | |
|--------------------------------|--|
| Size (including mounting ball) | 5.0 x 2.4 x 7.1 in (127 x 62 x 180 mm) |
| Color | Black, with Paintable Shroud |

ENVIRONMENTAL

| | |
|--------------------------|------------------------------|
| Environmental Protection | IP67 |
| Operational Temperature | -22 to +131°F (-30 to +55°C) |

SOLAR PANEL POWER UNIT

| | |
|--------------------------------|---|
| Power | 45W |
| Battery Capacity | 12 Ah |
| Cable Length | 15 ft (4.6 m) |
| Connector | M12 |
| Included Accessories | Mounting Bracket, Band Straps |
| Solar Panel Frame Dimensions | 781.9 mm (W) x 470.6 mm (L) x 187.8 mm (D) |
| Solar Panel Bracket Dimensions | 48.25 mm (W) x 250.4 mm (L) x 52.7 mm (D) |
| Weight | 22 lbs for a Cat1 with one battery, 30 lbs for a Cat3 with one battery |
| Product Warranty | 5 years |

WIRELESS INTERFACE

| | |
|-----------|--------------------|
| Bluetooth | Bluetooth 5 LE |
| WiFi | 802.11 a/b/g/n |
| Cellular | Internal LTE modem |

Specifications are subject to change



DIRECT & BATTERY POWER

| | |
|---------------------------|------------------------|
| Direct Line Input Voltage | 12V DC |
| Dual-Cell Battery | 9.7 Ah |
| Power Consumption | 9W maximum, 4W nominal |

CAMERA ACCESSORIES

| | |
|-------------|--|
| Description | External Cellular Antenna, 120V AC Power Adapter, Extra Solar Panel Kit, Solar Power Extension Cord, Extra Solar Panel Battery |
|-------------|--|



For more information, please visit
motorolasolutions.com/L6Q



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