

L6Q QUICK-DEPLOY LICENSE PLATE RECOGNITION CAMERA SYSTEM

RAPID INSTALL, RAPID INSIGHTS

The Motorola Solutions L6Q license plate reader delivers enhanced safety and security right at the door. Combining License Plate Recognition (LPR) technology with simple installation and ease of use, this radar-based camera triggers when vehicles move at specific speed thresholds, even in total darkness. Paired with Vigilant ClientPortal software, the L6Q adds a layer of efficiency to your security and parking operations with patented analytics and configurable data-sharing capabilities.



FEATURES



QUICK DEPLOYMENT

Install, configure and activate the L6Q on your own within minutes. Mount it on almost any surface and complete the setup with the Mobile Companion app on your Android or iOS device.



TEMPERATURE & WEATHER RESISTANT

Install the L6Q in the hottest and coldest locations with its wide operating temperature range, while its IP67-rated design can withstand varying weather conditions such as rain and snow.



SOLAR, BATTERY & AC/DC POWER OPTIONS

Deploy the L6Q where needed with versatile power options, including solar, AC/DC, as well as a swappable internal battery.



GET THE RIGHT DATA

Configure the L6Q to trigger when vehicles move at specific speeds, up to 100 mph (161 km/h), and travel directions up to 75 ft (23m) away across multiple lanes, and capture the make, model and color.



TAMPER-PROOF WITH PAINTABLE SHROUD

The L6Q is built to be physically secure and to blend in with its surroundings by easily removing and painting its shroud.



ANALYTICS

Benefit from an industry-leading software to manage hot lists and alerts, conduct advanced searches and run patented analytics such as association and location analysis and convoy identification.

The L6Q camera is only available in North America.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	NOTES
CAMERAS AND CAMERA KITS		
LPR-VSFS-L6Q-P-SUB	L6Q Quick Deploy Camera (12VDC) - Subscription	
LPR-VSFS-L6Q-S-SUB	L6Q Quick-Deploy Camera (Solar Kit) - Subscription	
LPR-VSF-L6Q-P-KIT	L6Q Quick Deploy Camera (12VDC)	
LPR-VSF-L6Q-S-KIT	L6Q Quick Deploy Camera (Solar Kit)	
LICENSES AND OTHER SUBSCRIPTIONS		
LPR-VS-CLIENTPORTAL-H	Client Portal Account (Account Set-up)	
LPR-VS-CLIENTPORTAL-INT	ClientPortal Account On-Prem for the International Market	APAC, EMEA, LATAM only
LPR-VS-CP-B	Annual ClientPortal Account Access (No Hardware)	
LPR-VSBSCSVC-L6Q	Vigilant L6Q Service Package for Hosted/Managed LPR Deployments	
LPR-VS-MC-MP-H	Multi-Plate Upgrade Single User License	
LPR-VS-MC-MP-S	Mobile Companion App + Multi-Plate Single User License	
LPR-VS-CP-API	Hosted LPR Client Portal Account - API Service	
LPR-TAS-UL	Target Alert Service - LPR Alert Delivery Software - Unlimited Users	
LPR-VS-MC-MP-INTL	One (1) Mobile Companion Application Perpetual License with Multi-Plate	APAC, EMEA, LATAM only
LPR-VS-VPS-PI-INT	Parking Integration	APAC, EMEA, LATAM only
LPR-L6Q-REPPLAN	L6Q Annual Replacement Plan	
LPR-ACI-01	One (1) Avigilon Camera Integration	
LPR-VSL6QOCR-INT	Vehicle Analytics & LPR License - Renewal	
LPR-3PC-1SL	Annual Camera License - Centralized	
LPR-3PC-1EL	Annual Camera License - Edge	
LPR-3PC-1SP-INT	Perpetual Camera License - Centralized	APAC, EMEA, LATAM only
LPR-3PC-1EP-INT	Prepetual Camera License - Edge	APAC, EMEA, LATAM only
ACCESSORIES		
LPR-VS-L6Q-120VAC	L6Q 120V AC External Power Supply	
LPR-VS-L6Q-12VDC	L6Q 12V DC Power Cable	
LPR-VS-L6Q-SPEK	L6Q Solar Panel Expansion Kit	
LPR-VS-L6Q-40WSP	L6Q Solar Panel Only	
LPR-VS-L6Q-SPEB	L6Q Solar Panel Expansion Battery Only	
LPR-VS-L6Q-EANT	L6Q External LTE Antenna	
LPR-VS-L6Q-BATTCHRG12V4A	Solar Battery Charge Cable	
LPR-VS-VPS-PT-01	Parking Enforcement System Toolkit	
SIM		
LPR-PREPAID-L6Q-S	Annual Prepaid Subscription - 1 L6Q Camera via 1 Year	
LPR-VERIZON-NANO-SIM	Annual Cellular Data Plan (NanoSIM)	
LPR-VZ-NSIM-REN	Annual Verizon Sim Renewal	
WARRANTIES AND SHIPPING		
LPR-CDFS-L6Q-HWW-01	Extended Hardware Warranty	Not applicable for the cameras ordered as subscriptions
LPR-CDFS-L6Q-HWW-02	Extended Hardware Warranty	Not applicable for the cameras ordered as subscriptions
LPR-CDFS-L6Q-HWW-03	Extended Hardware Warranty	Not applicable for the cameras ordered as subscriptions
LPR-CDFS-L6Q-HWW-04	Extended Hardware Warranty	Not applicable for the cameras ordered as subscriptions
LPR-VS-SHP-02	Vigilant Shipping Charges - Fixed or Comms	



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	40W
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	1 year (option to purchase up to 4 additional years)

WIRELESS INTERFACE

Bluetooth	Bluetooth 5 LE
WiFi	802.11ac
Cellular	Internal LTE modem



DIRECT & BATTERY POWER

Direct Line Input Voltage	12V DC
Dual-Cell Battery	9.7 Ah (up to 20,000 scans on a single charge)
Power Consumption	9W maximum, 4W nominal

CAMERA ACCESSORIES

Description	Optional External Cellular Antenna, 120V AC Power Adapter, Extra Solar Panel Kit, Solar Power Extension Cord, Extra Solar Panel External Battery
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Learn more and find additional documentation at [avigilon.com](https://www.avigilon.com) or email sales@avigilon.com for specific product support.

For more information, please visit [avigilon.com/L6Q](https://www.avigilon.com/L6Q)



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](https://www.motorolasolutions.com)

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