

Exhibit A: Motorola L6Q Quick-Deploy LPR Installation Plan

1. Device Mounting Heights

- LPR Camera: 10 feet 3 inches from the ground
- Solar Panel: 7 feet 6 inches from the ground

2. Mounting Method

- LPR camera and solar panel will be mounted using straps for secure installation.

3. Wiring Connections

- Power: DC/AC from solar system to LPR camera.
- Data: Sent via cellular signal for LPR data transmission.
- All wiring will terminate in weatherproof connectors.

4. Installation Responsibility

- Installation to be completed by the Bladensburg Police Department personnel.

L6Q license plate reader

Key Specifications

CAMERA PERFORMANCE

Optimal Capture Distance	16 mm: 55 ft (16.8 m)
	25 mm lens: 75 ft (22.9 m)
Capture Range	16 mm: 30 - 75 ft (9.1 - 22.9 m)
	25 mm lens: 50 - 100 ft (15.2 - 30.5 m)
Capture Speed Maximum	100 mph (161 km/h)
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	16mm: 730 nm (general usage) or 850 nm (covert) 25mm: 730 nm

ENVIRONMENTAL

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

SOLAR PANEL POWER UNIT

Power	45W base kit/plus 45W Expansion Kit (recommended for most of US)
Battery Capacity	2 X 12 Ah or 2 X 18 Ah base/plus 45W Expansion kit 4 X 12 Ah or 4 X 18 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	27 lbs for a Cat 1(Hurricane) with two batteries X 2 for Expansion Solar Kit 35 lbs for a Cat 3(Hurricane) with two batteries X 2 for Expansion Solar Kit
Product Warranty	5 years



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

WIRELESS INTERFACE

Bluetooth	Bluetooth 5 LE
WiFi	802.11 a/b/g/n
Cellular	Internal LTE modem
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, Expansion Solar Panel, Solar Power Extension Cord, Power Pole Tap, Multi Unit Charger - 3 or 6 internal battery packs
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