

# PowerBridge

## Daytime power for night-lit poles

The **PowerBridge** is designed to bridge the gap of power during the day when power is not present on a parking lot light pole because the power is remotely controlled from the building with a timer or a parent photocell. The PowerBridge can provide continuous power for security equipment for less cost than is typically associated with a solar system.

Compatible with a wide range of voltages, and can power all the same equipment as our solar solutions. The **PowerBridge** comes standard with overload surge protections while providing clean power to preserve your investment.

All **PowerBridge** systems are backed by our performance warranty, giving you the confidence that your system will be available when you need it.

### Options

- **Remote Health Monitoring**
- **IR Illuminator:** Various distances and angles
- **Strobe Light:** White, Blue, Green, Red
- **Amplified Speaker:** 10 watt amplifier and speaker
- **Powder Coating:** Full selection of RAL colors

### Intermittent Power

The **PowerBridge** provides continuous power for security equipment when power is not present on the pole during the daytime hours.

**Input power:** 115/230/380/480VAC nominal supported

### Cameras, Horns, or Radar

We power your favorite combination of IP cameras and IP devices.

Avigilon, Axis, Bosch, FLIR, Genetec, Hanwha, i-Pro, Mobotix, Pelco, Rhombus, Verkada, Vivotek, and many more

*Custom configurations are available for cameras not listed above.*

### Existing Pole

Mounts to your existing pole.

The **PowerBridge** is compatible with poles 4.5" (114mm) in diameter or greater, with included standard mounting hardware. Specify pole diameter and type (square, round, etc.) when ordering to ensure an exact fit for your application. External wiring is also included, reducing field prep and setup time.

### Wireless

Choose your wireless radio from your favorite provider.

Point to Point	Point to Multipoint	Mesh	Cellular*	Satellite
2.4 GHz	2.4 GHz	2.4 GHz	5G	Starlink ©
5.8 GHz	5.8 GHz	5.8 GHz	4G / LTE	

*\*System is designed for your preferred wireless solution.*

### Conduit

Our conduit assembly comes standard on all PowerBridge systems.

The conduit assembly comes pre-assembled with water tight fittings, mounting hardware to easily strap to your pole, and all relevant networking and power cable specified for your system pre-pulled through the 5ft conduit sections. All high quality networking cables are pre-terminated with RJ-45 connectors for a seamless and rapid installation.

Standard assembly lengths range from 5' to 20' depending on your needs.

### Modular Enclosure

The NEMA 3R enclosure is made of **5052 Aircraft Grade Aluminum**, and is extremely corrosion resistant.

**Electronics:** All **PowerBridge** systems are comprised of high quality, industrial grade components and can withstand the most extreme environments. Components include but are not limited to: charging circuit, overload protection, and power supplies.

**Batteries:** Deep Cycle Gel standard with Lithium available. Absorbent glass mat, sealed lead acid. The battery bank and solar array are sized to provide continuous power **365** days a year.

