PowerBridge

Daytime power for night-lit poles

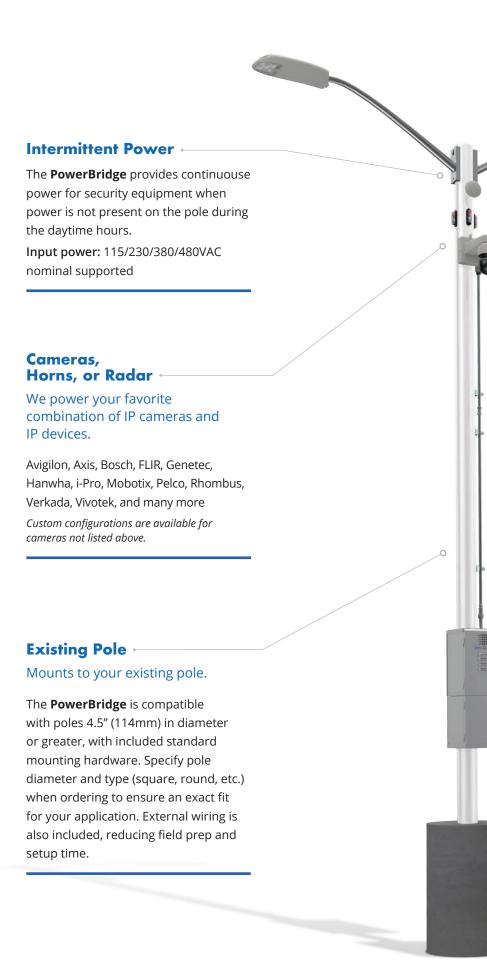
The **PowerBridge** is designed to bridge the gap of power during the day when power is not present on a parking lot light pole because the power is remotely controlled from the building with a timer or a parent photocell. The PowerBridge can provide continuous power for security equipment for less cost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



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.

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