



SB Wireless PolePower™ PoE Outdoor Photocell Tap Power-over-Ethernet Power Supply

Reduce installation time and costs, and eliminate the need for an electrician or inspections*



The first outdoor rapid deployment Power-over-Ethernet (PoE) Power Supply designed to be installed in minutes instead of days for streetlight-mounted devices such as wireless access points, surveillance cameras, environmental monitoring stations, and other PoE powered equipment.

It's true. Now you can streamline a costly, time-consuming installation process that typically involves permits, an electrician, high-voltage cabling, additional outdoor enclosures, inspections, and perhaps even a new power meter to one where you simply plug in the device and run a standard, low-voltage, outdoor Ethernet cable.

Why Hassle with Ten Steps When You Can Do It in Four?

The SB Wireless PolePower™ PoE power supply provides a fast way to provide power to PoE-capable devices that are mounted to street lights. It saves you time and money by greatly reducing the involvement of the utility company and essentially eliminating the involvement of the city planners and inspectors, permits*, and electricians. What could be easier?

The Costly, Time-Consuming Way

1. Go to the City to pull permits to perform work.
2. Obtain rights to place a meter pedestal next to the selected pole.
3. Have a utility company-approved electrician drop power from the main lines and down a conduit.
4. Connect the underground power lines to the meter (on the pedestal), run return power back up the pole's conduit.
5. Wait for the city inspectors to inspect the work.
6. If approved, have the utility company place the meter.
7. At the top of the pole, install an outdoor enclosure to house the indoor PoE power sourcing equipment, since no other outdoor PoE power source equipment devices currently exist.
8. Connect the return power back into the outdoor enclosure and then connect to the PoE power sourcing equipment.
9. Run an Ethernet cable between the enclosure and the powered device.
10. Have all work signed off by city and utility company inspectors.

The New, Streamlined Way

1. Turn the existing photocell on the street light about 1/4 turn and lift out.
2. Insert the PolePower™ PoE in the streetlight's standard photocell outlet and turn 1/4 to lock
3. Re-insert the photocell in the outlet at the top of the PolePower™ PoE and turn 1/4 to lock.
4. Run an Ethernet cable between the PolePower™ PoE and the PoE powered device

Features SB-POEAPT-2448

IEEE 802.3af Compliant PoE
Pre-standard PoE Support (24V)
ANSI C136.10-1996 Compliant
120/208/240/277V AC Input
Weatherproof

* Be sure to check with the city's building office to determine if a permit, planning, or inspection is required.



SB Wireless PolePower™ PoE provides both IEEE 802.3af compliant (48V) Power-over-Ethernet as well as pre-standard (24V) PoE in a weatherproof outdoor enclosure that is designed for rapid installation.

ELECTRICAL SPECIFICATIONS

Input Voltage: 120-277V~50-60Hz AC, 55VA
Output Voltage: IEEE 802.3af Standard 48V±0.4A
Pre-Standard 24V±1.0A (user selectable)
Surge Protection: 300 Joules
Pass-through Load: Continuous
Certifications: UL 1029 and CAN/CSA 22.2 No. 74 Compliant

PHYSICAL SPECIFICATIONS

Dimensions: 5" diameter x 3" high
Weight: 15oz
Enclosure: ANSI C136.10-1996 Compliant
Environment: -40°C to +65°C at 96% relative humidity
Connectors: Male and Female Twist-lock connectors (for C136.10 pass-through)
Two weatherproof Ethernet ports (uplink and PoE powered)
Controls: Switch for 24V/48V selection



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