

# SLINET™ IoT Intelligent Lighting Control System

## STEALTH II Solar IoT GATEWAY ~ DC Version



### Product Description

The Stealth II solar IoT Gateway connects our wireless solar lighting controllers to a central management monitoring system through ethernet link for hardwire LAN connections or LTE/4G/5G link via our integrated cellular modem.

The Solar powered IoT Gateway supports up to 300 lighting controllers with up to a 1000m line of sight coverage ensuring secure and robust communication to your lighting smart city lighting project.



### Cellular and Ethernet Gateway

#### Wireless parameters

- Network type: star-mesh repeater
- IEEE 802.15.4
- Operating frequency: 433/868/915 MHz
- RF power: 20 dBm
- Range: Up to .6 miles or 1000m line of sight
- Number of Light fixture controllers supported: 300

#### Connectivity

- Cellular: universal 4G/5G carriers
- T-Mobile Certified

#### Mounting and interface

- Mounting: wall or pole
- EPA 4

#### Operation

- Input 5-35V DC
- Power consumption: 7W
- Weight: 0.5KG / 1.2 lbs.
- IP rating: NEMA 4x (IP65)
- Temperature range: -30°C ~+75°C

**5-year limited warranty**

### Solar Panel

- Monocrystalline solar array 50W/18V VDC
- MPPT Charge Controller
- Dimensions 560×560×32mm
- Weight 4.5KG / 10 lbs
- Top of pole mount design
- Tenon slip fitter fits 2.38" pole or 60mm O.D.
- Designed for 20-year power output

### Battery

- High-efficiency LiFePo4 battery Grade A+ cell
- 12.8V/24AH
- Weight: 9 Pounds / 4 KG
- Replacable battery



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Product Images and Dimensions



Figures display the device dimensions.

