



# Solar street lamp IOT 4G network terminal use manual

model	support system	autoregistration
SL-4G-64GN	6.4~25.6V	have
SL-4G-32GN	3.2V	have

## 1. Product function features

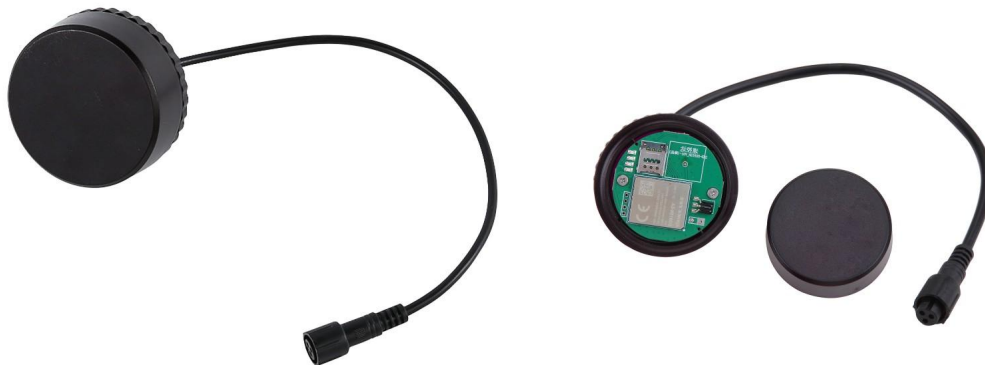
Solar Internet of Things 4G network terminal is a communication module that can adapt to the solar street lamp controller. The module has 4G Cat.1 and 2G GPRS dual-mode network communication functions. It can remotely connect to the cloud server, and can remotely complete the parameter setting of the controller and remotely view the running status of the controller.

Display the street lamp switch status, battery type, charging state, battery voltage, operation mode, PV voltage, lighting information (current, voltage, power), charging information (current, voltage, power), charge and discharge quantity statistics and other information. Can view the battery low voltage, short output, no load state alarm. You can view the daily street light data curve for a month.

### **Solar Internet of Things module features:**

- Use 4G Cat.1 and 2G GPRS (when there is no 4G signal) network communication;
- Can be used with all our controllers, can meet a variety of needs;
- Support PC web page, mobile APP way to view the status of street lights and control the street lights;
- Fault alarm, battery / load fault alarm;
- Automatic upload of controller, battery, solar panel work information every 5 minutes;
- Remote settings and read single / packet controller parameters;
- Support for automatic positioning.
- Two models respectively support the 3.2V,6.4~25.6V system.
- GIS map information display, support Baidu, Google map, so that the state of the lamps at a glance.
- Provide overseas cloud server, with support in Chinese and English.
- Can customize the support in Africa, Europe, Latin America, Asia and other regions.

## 2. Appearance size



## 3. Product Parameter

Work consumption	80mA(3.2V); 60mA(6.4V)
power supply mode	Controller power supply
communication mode	4G Cat.1、 2G GPRS
Communication card	Customer support (card insertion)
working temperature	-35°C ~ 75°C
Support frequency band	LTE-FDD: B1/ 3/ 7/ 8/ 20 GSM: B3/ 8
	LTE-FDD: B2/ 3/ 4/ 5/ 7/ 8/ 28/ 66 GSM: B2/ 3/ 5/ 8
	LTE-FDD: B1/ 3/ 7/ 8/ 20/ 28 GSM: B3/ 8
location mode	GPS, BD
Antenna type	built-in
levels of protection	IP66
size	Φ 60MM
Installation aperture	Φ 52MM

## 4. State instructions

pilot lamp	state	function declaration
green light	flashing light	Operating normally, means the microcontroller is running
red lantern	light up	Card is normal, and the flow card has been detected
red lantern	flashing light	Find the base station
blue light	light up	Has been positioned
Orange lamp	light up	Communication is normal

## 5. method of erection

1. Connect the controller light source line, solar panel line, battery line and do a good job of insulation;
2. Unscrew the upper cover, install the communication card, and screw screw the upper cover;  
Open the 52MM hole, install the module, screw on the fixed ring;
3. Docking waterproof line: plug in the waterproof line, observe the indicator light indication;
4. fter a successful power call, the controller can be checked on the PC web page and mobile APP.

## 6. access mode

web page:<http://www.skd-lamp.com>

Download the mobile APP: The Android system can scan the QR code of the home page to download the mobile APP.

## 7. Account

Contact the salesman to obtain the account and password. The user can change the password after login.

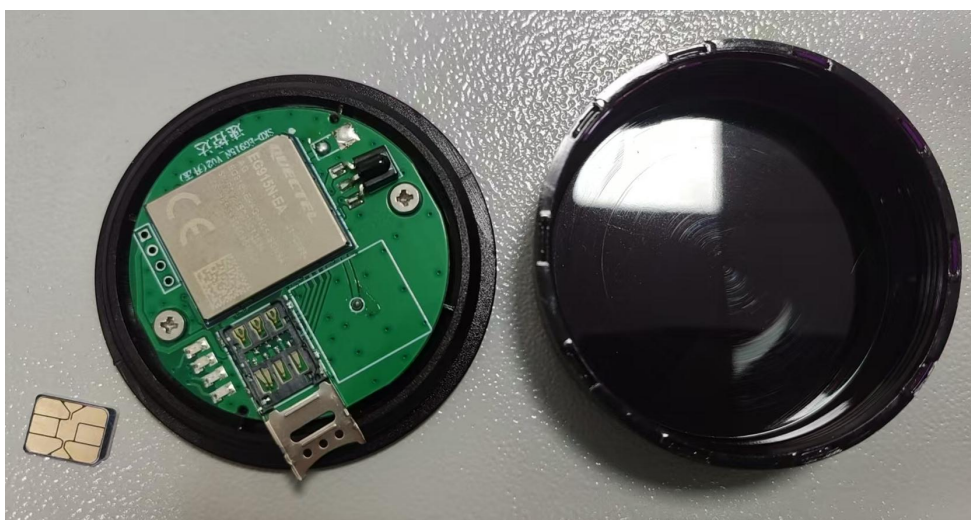
## 8. SIM card installation method

a) Turn off the power supply to the module and ensure that the indicator is off.

Flip the card slot in the direction of the arrow



b) Open slot cover



c) Put in the sim card



d) Cover the card slot and move the card slot cover



e) Screw on the top cover to complete the card change

