

Product Specification

Product name	Wireless Gateway
Model	MSKT1300



SHANGHAI MOONS' AUTOMATION CONTROL CO.,LTD.

1 DESCRIPTIONS

The MSKT1300 wireless gateway is designed for roadway and area lighting. It can transfer data between control center and nodes. It can communicate with the control center via Ethernet, RS485 or cellular network. Each wireless gateway can manage up to 200 nodes. In order to adapt to roadway and area use environment, we design a tree wireless network, it can support up to 20 hops.

1.1 FEATURES

- Input voltage: 10~30VDC
- Operating temperature:-20~55℃
- Power consumption <5W.
- Transfer data between control center and nodes.
- 1 channel Ethernet interface for uplink data
- 1 channel RS485 interface for data uplink
- A cellular RF module for data uplink
- An accord IEEE802.15.4-2.4GHz standard wireless module for data downlink
- 1 channel active digital input interface
- A micro SD card for data backup
- 1 channel USB2.0 for debug
- 35MM DIN rail mounting
- Warranty: 5 years standard

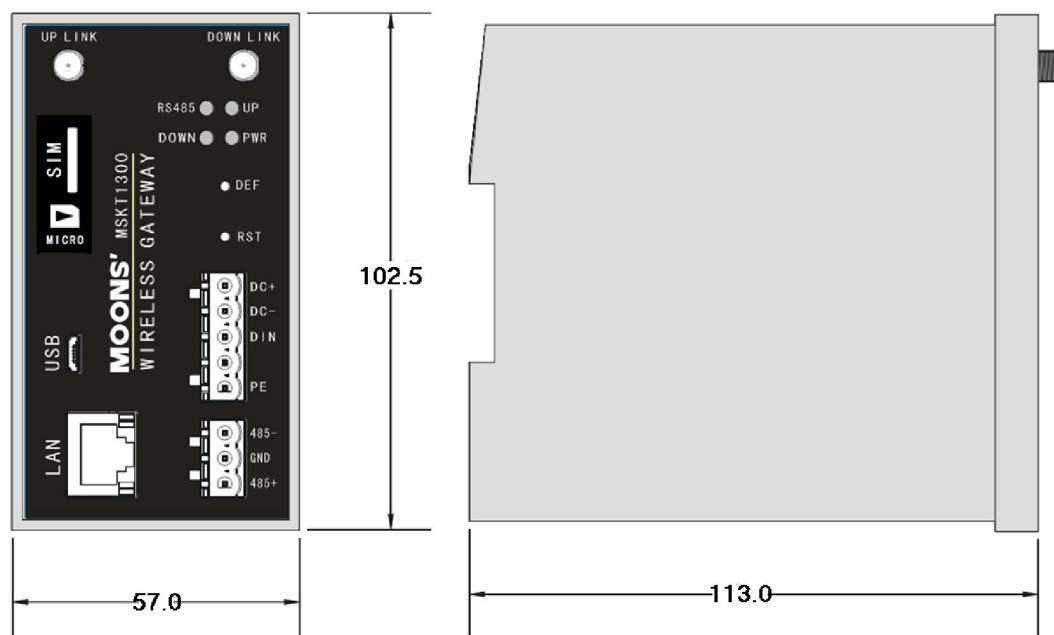
2 CHARACTERISTICS

2.1 OPERATING CONDITIONS

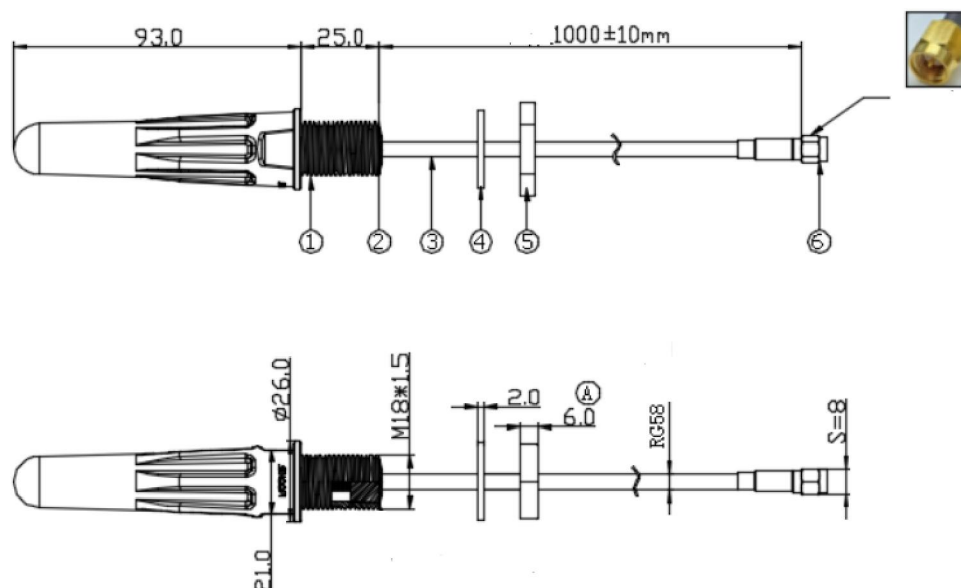
PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNIT
Operating temperature		-20	/	55	℃
Storage temperature	Indoor dry, well-ventilated place	-20	/	70	℃
Relative humidity	No frost	10	/	95	%
Vibration		/	/	1	G
Packaging Impact	Drop	/	1	/	M

3 MECHANICAL DATA

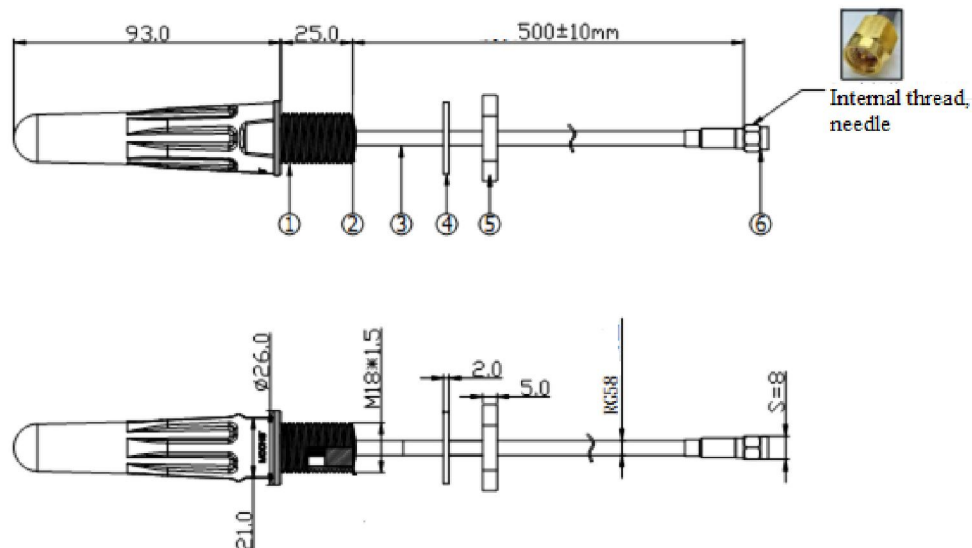
3.1 DIMENSIONS



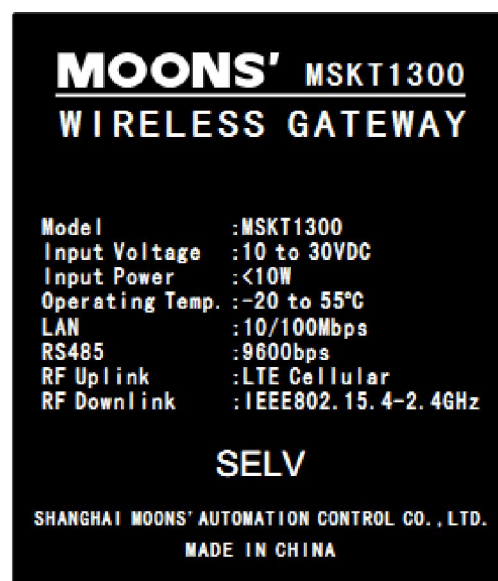
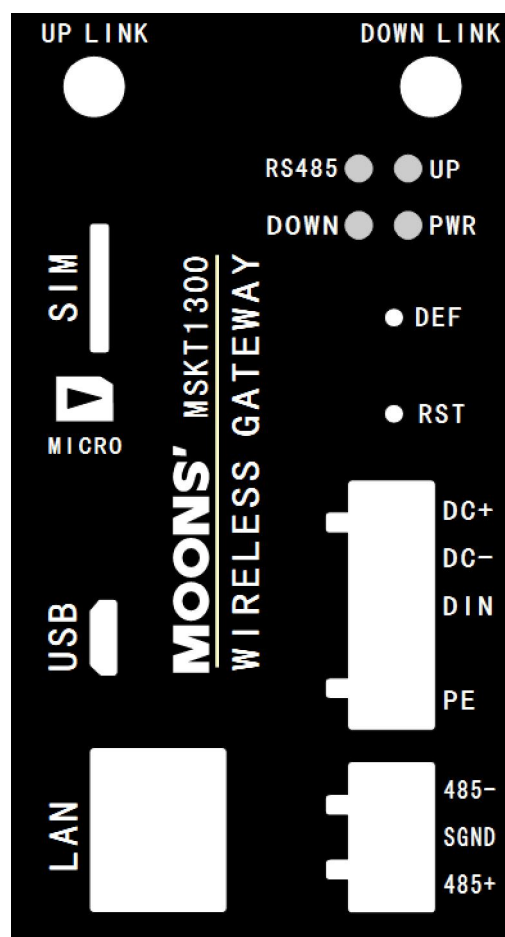
3.2 UP LINK ANTENNA



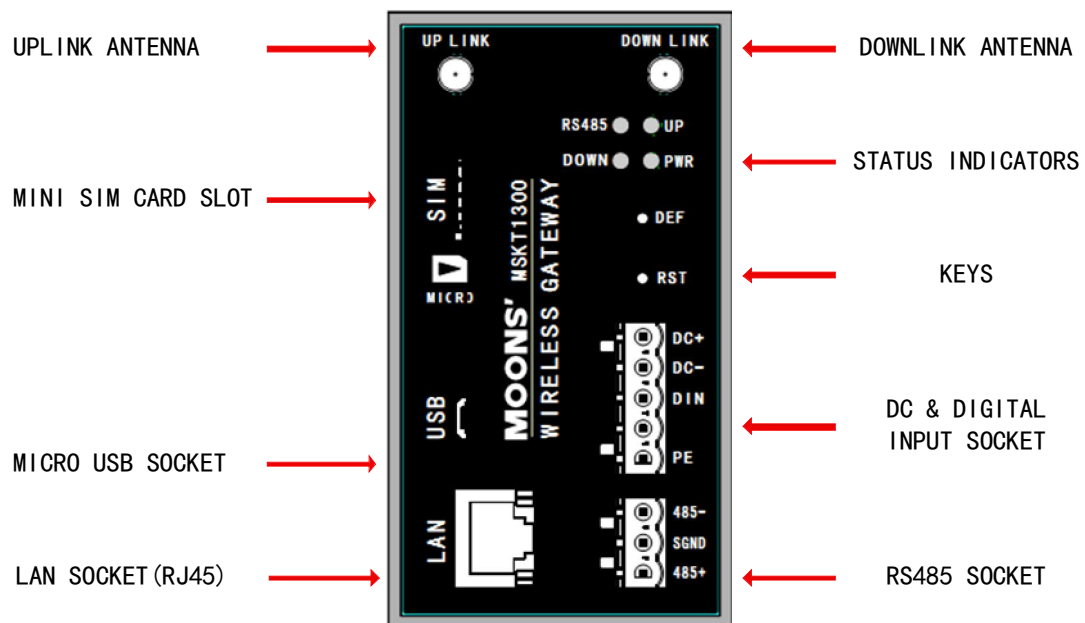
3.3 DOWN LINK ANTENNA



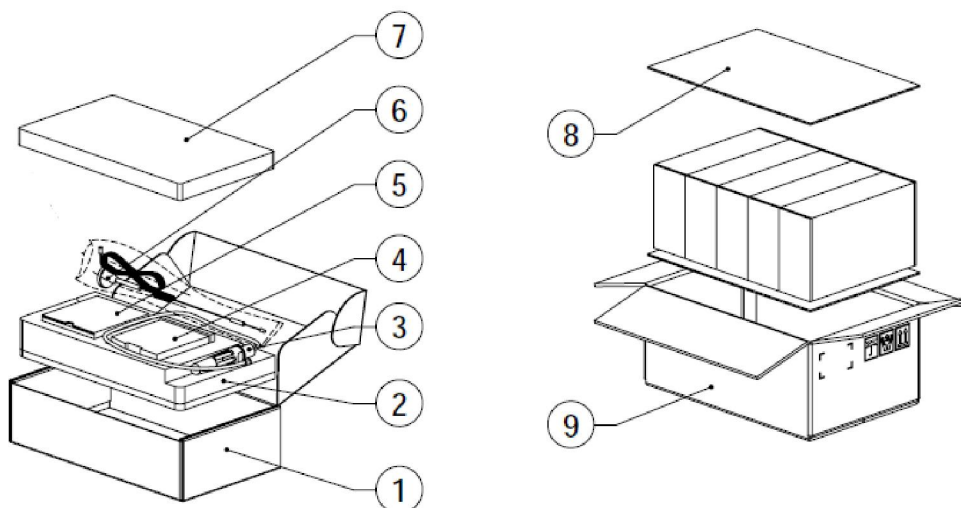
3.4 LABEL



4 INTERFACE



5 PACKAGE



No.	Description	Quantity
1	Package box for one	1
2	Under liner	1
3	Antenna 1	1
4	Wireless Gateway: MSKT1300	1

5	DC Supplier: MDR-40-24	1
6	Antenna 2	1
7	Upper liner	1
8	Package box for five (540*360*240mm)	1/5
9	Liners	2/5
1 package box for one gross weight : 680g;		
1 packing box for five gross weight : 3.5kg.		

6 ORDERING

DESCRIPTION	ORDERING CODE
Wireless Gateway: MSKT1300	4696350003128
5 PIN 5.08mm Terminal	4718405007378
3 PIN 5.08mm Terminal	4718405007377
Downlink antenna	4741135000023
Uplink antenna	4741135000024
DC Supplier: MDR-40-24	4696350002103