

JT8800D

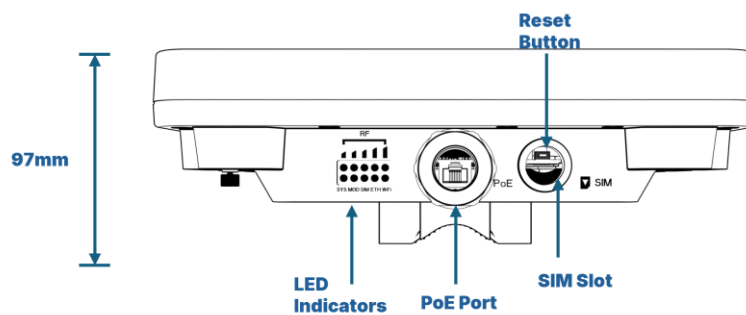
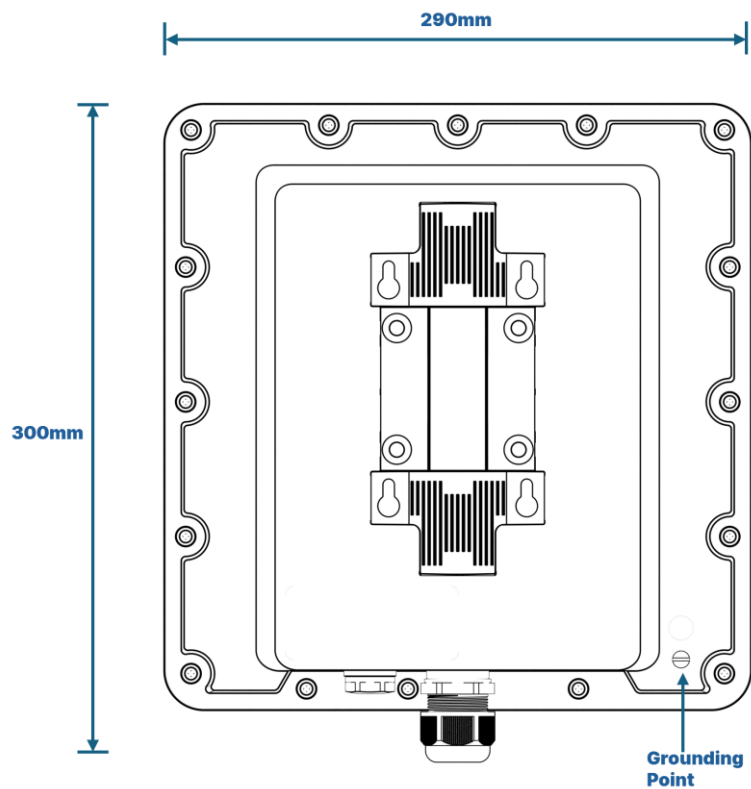


5G Outdoor CPE
Quick Installation Guide

❖ Device Package

Main Unit	1
PoE Adapter	1
Ethernet Cable	1
Mounting Brackets	1
Grounding Screw	1
Clamps	2
Quick User Guide	1

❖ Device External Interface



❖ Environmental Specification

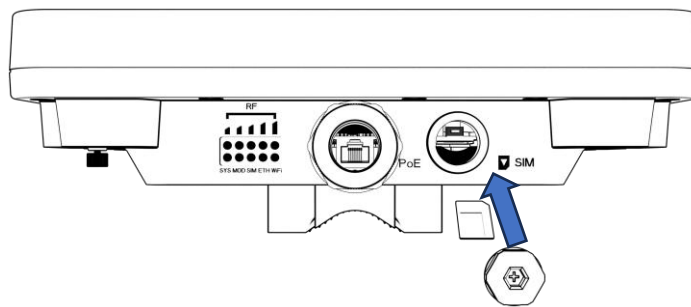
Feature	Specs.
Operating temperature	-40 to 55°C
Storage temperature	-45 to 85°C
Operating humidity	0 to 95%

❖ Getting Your Device Ready for Connection

Step 1

Insert the SIM CARD

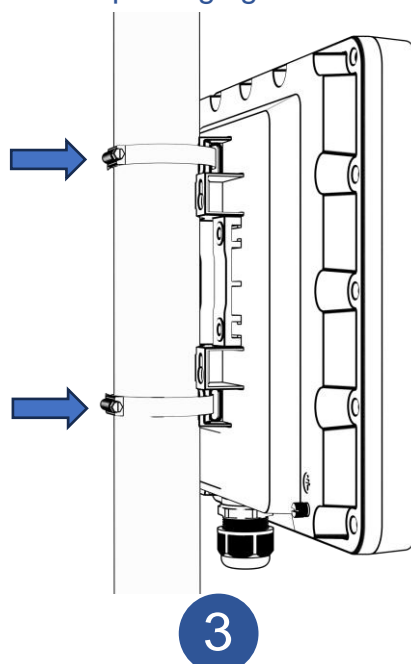
Before powering on the device, please insert the SIM card in the direction indicated on the bottom of the device.



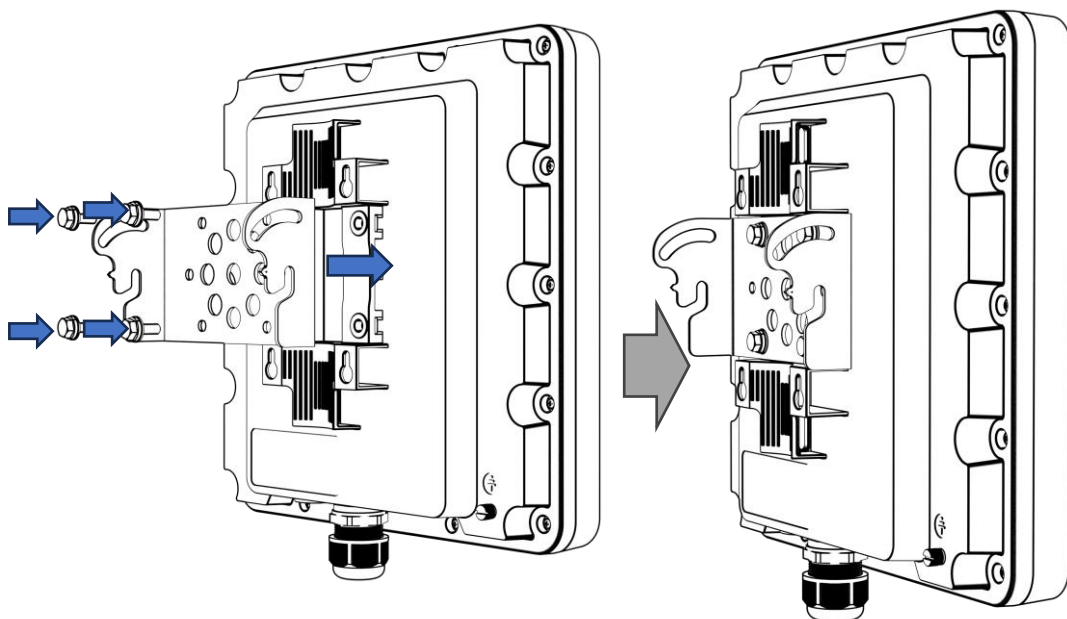
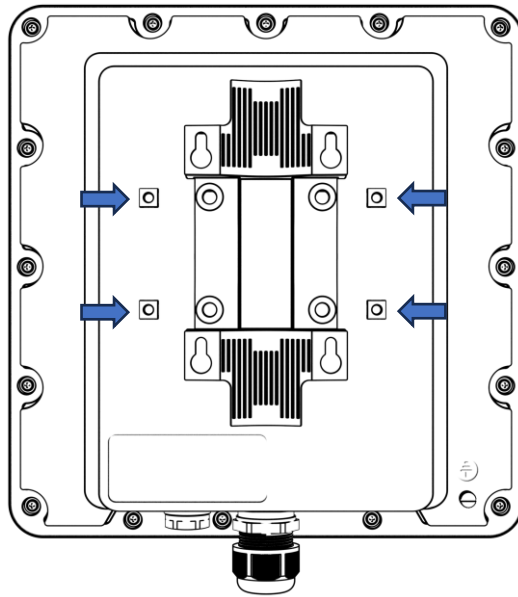
Step 2

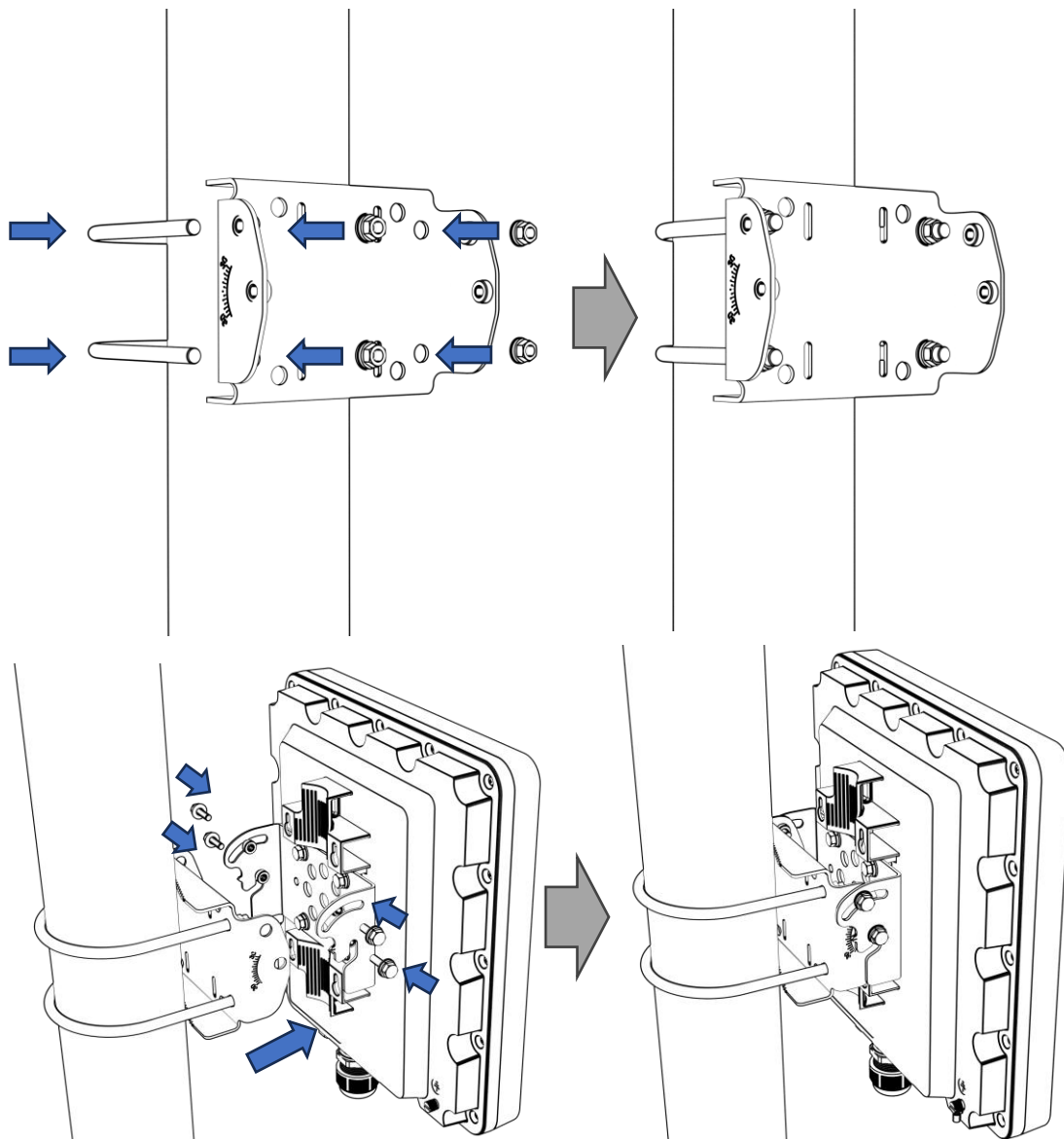
Installing Outdoor Unit

Use the clamps provided in the packaging to secure the equipment onto the pole.



Use the mounting brackets provided in the packaging to secure the equipment onto the pole.



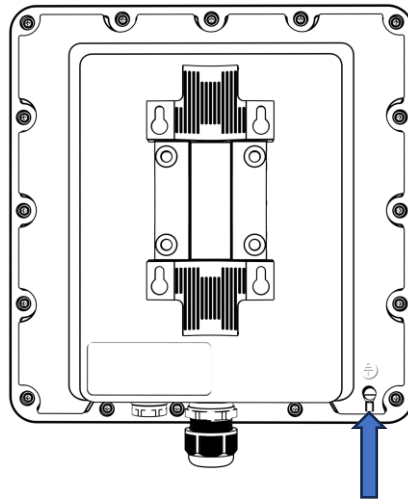


Step 3

Grounding

Make sure that the installation of the outdoor unit, antenna and cables is performed in accordance with all relevant national and local building and safety codes. Even where grounding is not mandatory according to applicable regulation and national codes, it is highly recommended to ensure that the outdoor unit and the antenna mast are grounded and suitable lightning protection devices are used so as to provide protection against voltage surges and static charges.

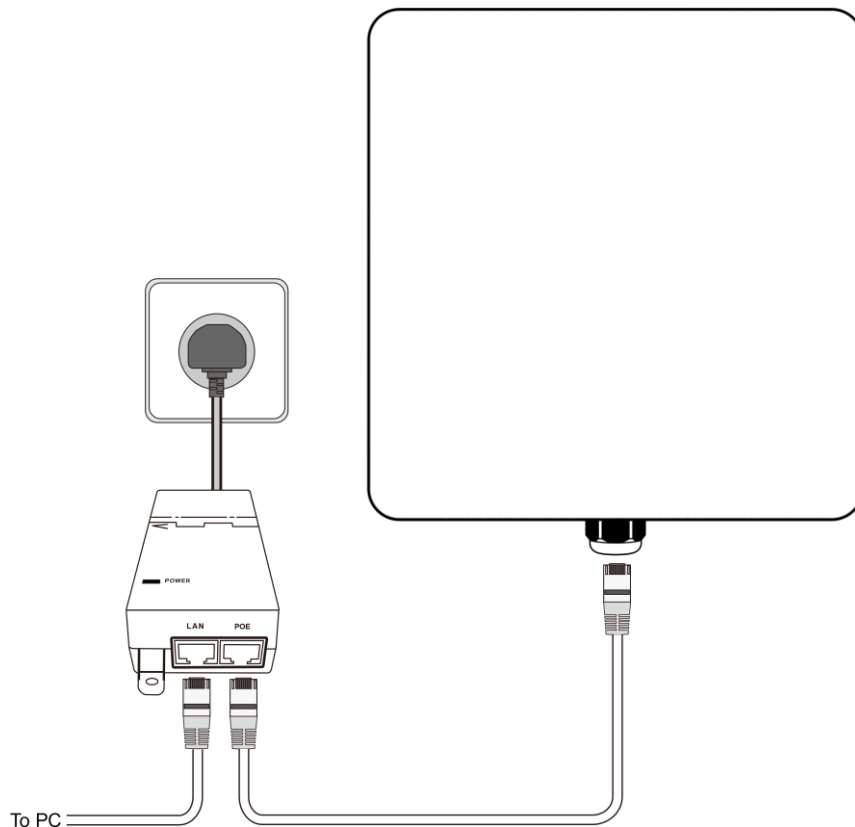
The Grounding screw is located on the lower part at the back of the unit (see Figure below). Use 10 AWG cable for grounding.



Step 4

Power on

Before connecting the AC power, use Ethernet cables to connect the device and user terminal respectively according to the label on the PoE adapter. After connecting the AC power, the PWR indicator light on the device will turn on.



❖ LED Display

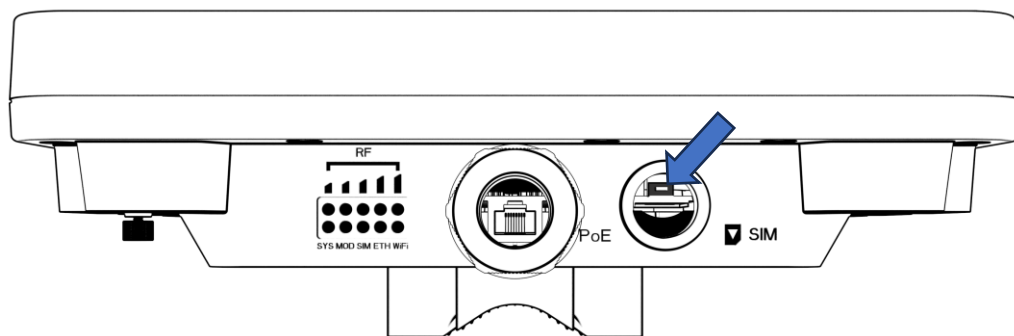


LED	Function	Descriptions
SYS	System run indicator	Solid green – Device is in normal operation.
MOD	WAN port status	OFF– NO wireless network access. Solid Green – WAN data transmission in progress
SIM	SIM card indicator	Light is on – SIM card state is ready, Blinking Green – SIM card is error.
ETH	LAN port status	Solid Green – LAN port is up. Blinking Green – LAN port in working.
Wi-Fi	Wi-Fi indicator	Light is on – Wi-Fi is on. Blinking – Wi-Fi in working.
RF (5LEDs)	RF Signal Strength	RF1 Blinking Green – Device searching for mobile network entry. RF1 Solid Green: RSRP<-115dBm RF2 Solid Green: -115dBm <= RSRP < -105dBm RF3 Solid Green: -105dBm <= RSRP < -95dBm RF4 Solid Green: -95dBm <= RSRP < -85dBm RF5 Solid Green: -85dBm <= RSRP

❖ Reset To Factory Setting

In case of user forgets the login password, the user can press and hold the Reset button near the sim slot of the unit for 5 seconds. The unit will reset to factory default setting and reboot. Please wait until the unit finishes rebooting to regain access the device WEB GUI using default login credentials.

After device reset, if the device cannot connect to the network, please contact the operator or distributor for further support. Additional device provision may be required.



❖ FAQ and Troubleshooting

Problem	Description
My PC cannot connect to the CPE.	<ul style="list-style-type: none"> ● Re-plug the PC Ethernet cable and check if the PC LAN connection is up or showing activity. ● Check if the PoE power adapter LED is on. If it is not, check the power cord and make sure it is connected properly. Also verify that the AC power supply is available. ● If the PC LAN shows no activity and PoE adapter LED is off but the power cord is connected properly and there is AC supply, then it is likely the PoE adapter is damaged. Please contact distributor to obtain replacement part.
My PC cannot acquire IP from the CPE.	<ul style="list-style-type: none"> ● First check if the PC Network card is up and working properly. Then check the PC Network card configuration and make sure the DHCP is enabled. ● You may try to release and renew the correct IP address by unplugging the Ethernet cable from PC and wait for about 5 seconds, then connect it again. ● If the problem persists, please contact the operator or distributor for further diagnose.
My CPE networking is not working properly.	<ul style="list-style-type: none"> ● You may want to check if the mobile network connection is up and running properly. You can do this by checking if the CPE NET and some RF LEDs are on. ● You may also power off and on the device and see if the CPE can come back to work. ● If the problem cannot be corrected by factory reset, please contact the operator or distributor for further diagnose.
I forget the login password and like to reset the unit to factory default.	<ul style="list-style-type: none"> ● Please press down the reset button next to the sim slot for 5 seconds and wait until the CPE has completed restart. ● After the unit is reset to factory default, you can login using the default password.