

5G CPE

SRE620

Quick Start Guide ▶

Introduction

SRE620 is a highly advanced 5G LTE outdoor multi-service CPE. It is designed for use in residential, business, and enterprise environments. The product supports advanced 5G network capabilities, including 5G NR, 5G NSA, and 5G SA. It provides high-speed data throughput and low latency, making it ideal for applications such as video streaming, gaming, and industrial automation. The device also supports 4G LTE and 3G HSPA+ for backward compatibility. It features a rugged design, weatherproofing, and a long operating life. The SRE620 is a powerful and reliable solution for businesses and individuals looking to enhance their network capabilities and performance.

Device ports & LEDs

1 IO panel of ODU -

Make sure you have everything you need to properly configure the device.

ODU

Power supply cable

Ethernet cable

Cable glands

Stainless steel screw

Bracket

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How does it work

1. Connect the power supply cable to the PoE.
2. PoE injector provides the power to ODU via LAN cable.
3. PC connects LAN Cable to PoE, then PC can surf the Internet when ODU accesses the 5G LTE network.

This quick installation guide shows you how to configure your ODU in order to access the Internet.

Configure hardware

Please make sure that you are familiar with all accident prevention and safety procedures before starting to install the device. DO NOT install the ODU during a lightning storm.

Insert a SIM Card to the Slot

Make sure the ODU is turned off before you insert your SIM card. It is important to follow the instructions to before starting to install the device. DO NOT install the ODU during a lightning storm. SIM card may be damaged.

Mount the ODU

To connect the CAT6 (or above) Ethernet cable:

Step 1 CAT6 (or above) cable to thread through the cable glands.
Step 2 Connect the power supply cable to the PoE.
Step 3 Connect the included Ethernet cable from the computer to one of the Router's Ethernet ports.

Header Connection

Mounting Bracket

NOTE: The ODU needs professional installation.

Connect the grounding cable

Put the grounding screw through the hole of the grounding wire, lock it together at the grounding plate of the metal shell (marked one of the two holes), and connect the other end of the grounding wire to the earth.

Choose Location

The ODU can be mounted on an antenna pole or mast or on a wall using the supplied mounting brackets.

When choosing a location to install the ODU, please note that the ODU's front panel should point towards your service provider's station from the ODU's position. However, if you experience difficulties with signal reception, a Line of Sight (LoS) connection may be required. Please ensure that you transport the ODU to its intended installation location in its original protective package.

To obtain the best radio signal level and connection quality, the CPE antenna should be aimed towards the base station or BS directly. To search for the best eNB direction, the user can rotate the CPE slowly and all CPE LEDs will be lit up. The best signal is the CPE with the lower panel as shown below. Different colored LEDs represent different signal strength.

Connect the PoE

Place a CAT6 (or above) Ethernet cable (not included) from the Router's Ethernet port to the Ethernet port of the ODU.

If you intend to use cable clamps or other methods to secure the cable, do not tighten them until you finish installing the Router and ODU.

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