

1. Components list

Before use, please check if the following components are complete:

1. RP-TR206 GNSS Receiver, 1 PCS
2. Radio Antenna, 1 PCS
3. GNSS Antenna, 2PCS
4. LTE Antenna, 1PCS
5. GNSS cable, 2PCS
6. User Guide, 1PCS

2. Assembly and Installation

2.1 Device Installation

Install RP-TR206 in a safe, reliable environment, and ensure that the GNSS antenna in an open sky environment.

RP-TR206 can be installed as follows:

- M4 screw hole

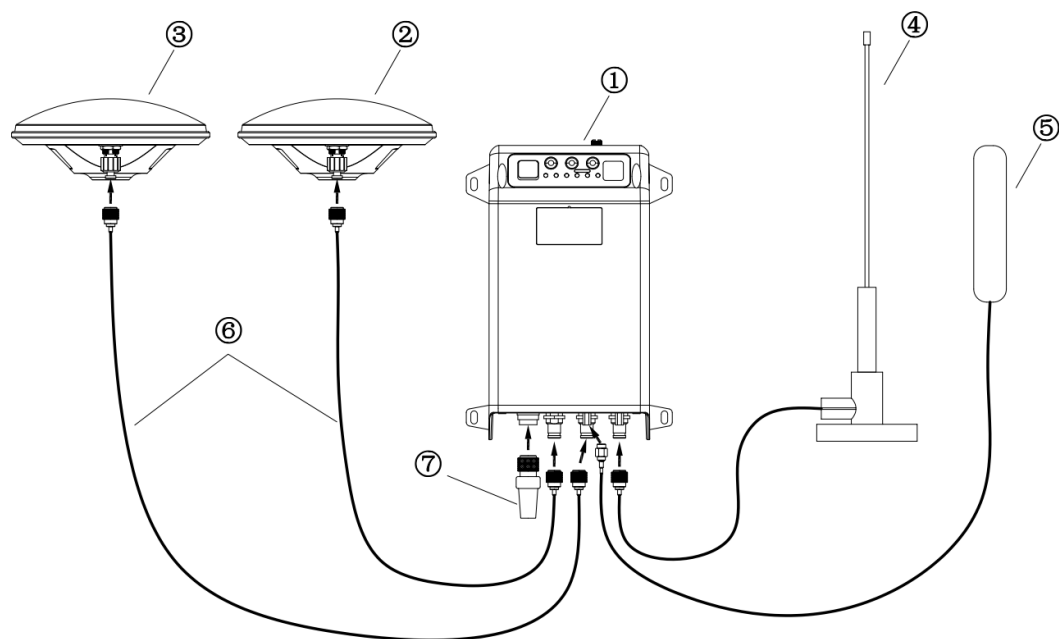


Diagram 1: Final assembly drawing

1. RP-TR206 GNSS Receiver
2. GNSS Antenna (Location)
3. GNSS Antenna (Orientation)
4. Radio Antenna
5. LTE Antenna
6. GNSS Cable

2.2 SIM Card Insertion

To obtain RTK's Ntrip service through 4G, please insert the SIM card in the direction shown below, with the notch facing outward and the metal facing downwards.

The differential data link should be set as "0x24". Ntrip account needs to be set up.

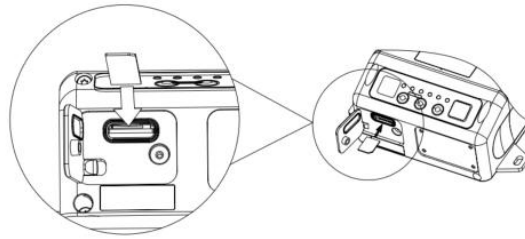


Diagram 2: Sim card insertion

2.3 Build-in Radio Antenna Installation

To obtain RTK's Ntrip service through Build-in Radio, please install the Build-in Radio antenna as shown below.

The differential data link should be set as "0x0F". The Radio parameters (such as the frequency, the data protocol and air baud rate) need to be consistent with those of the base station radio.

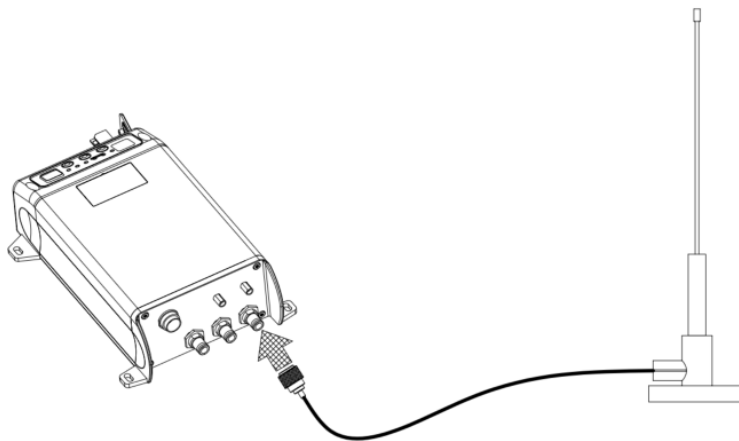


Diagram 3: Radio Antenna installation

3. Check Working Status

RP-TR206 provides five LED indicators used to indicate the working statuses. After power on, the power indicator is steady on red. While RT-TR206 is receiving the

satellite signals normally, the satellite status indicator (green) blinks. While RT-TR206 is fixed, the satellite status indicator (green) keep the light on.

The following table lists the detailed meaning indicated by the LED indicators when the RT-TR206 is in the working status.

LEDS	OFF	Blinking	ON
	The power supply is unavailable.	-	The power supply, System is running.
	GNSS is not located	GNSS Single Position mode	GNSS Fixed mode
	Be inactive	Radio link is receiving data	-
	Be inactive	LTE Link is receiving data	-
	The heading Angle is not valid	-	The heading Angle is valid

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.