

A-Core Container

How to configure the base station power module



Overview

How do I set up a base/Rover?

The first step in a base/rover setup is setting up a base station. There are a few ways to set up a base station: a temporary base station is faster but less precise. A static base station takes more time to set up and configure but provides the greatest precision. There is a third option and that is getting your correction data from a public feed.

How do you install a base station?

(Desktop Installation) Attach and remove the base stand. Align the snap-fits with the corresponding holes and push forward, snapping them into the holes. Remove the snap-fits from the holes horizontally. 2b. (Wall-Mount Installation) Attach the base station.

How do I power a RTK base station?

To power the base station from a power bank or PC. RTK base station has an SMA connector to connect an antenna. RTK base station does not include, but requires a good quality GPS/ GNSS antenna. RTK base station supports full L1/L2/L5 bands.

How long does it take to set up a base station?

The base station will be set up in RTK rover mode and positioning data will be logged for a period of 6 hours. Afterwards an average position will be calculated from the logged data. This position will then serve as the reference position. For the best results, it is advised to record 24 hours' worth of data.

How do I configure the GNSS module of the base station?

1) Pre-configure the GNSS module of Base station: Power on the main board of the Base station by connecting it to a power bank. Attach the U-blox debug cable to the U-blox connector (refer to Step 5 for details about the debug cable). Launch the u-center tool and proceed with the following steps:.

How can polarx5e be used to calculate base station positions?

In this user example, a PolaRx5e, connected to a VeraPhase 6000 antenna installed in open sky conditions will be used to calculate 3 different base station positions for this location. A 6-hour data log of the support SBF blocks will be sent to an online PPP service to calculate the base station position.

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