

BLINK SOLAR

Outdoor home base station installation method



Overview

How should a base station antenna be installed?

The hardware installation guidelines are limited but important for reliable base station performance. The base station antenna should be installed in open sky conditions, away from external influences that hinder the direct line of sight between the antenna and the GNSS satellites.

How do I set up a base station?

Set up the base station using either the tripod or T-bar mounting method. You must use an external radio antenna kit for the internal 450 MHz or 900 MHz radio. To avoid interference between the 900 MHz radio and GPRS transmissions, do not mount the external radio antenna within 1 m (3.3 ft) of the GSM antenna.

Where should an antenna be installed?

In general, this means that the ideal antenna installation is near the centre of the work area. For larger work areas (several 10's of km's), it is advised to place several base stations for optimal performance and easy selection of the nearest base station.

Should a base station be permanent or semi-permanent?

The requirement for a permanent base station setup increases as more receivers that use the base station as a source of corrections, increases the cost of any base station downtime. On the largest jobsites, and on those that remain operational for the longest time, a permanent or semi-permanent installation is a popular solution.

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Spectralink 6000 Portfolio Outdoor Base Station: ...

The entire unit is then referred to as an Outdoor Base Station. This document covers the installation of the Outdoor Base Station in a variety of situations. It supplements the ...

Nova-436Q Outdoor LTE TDD Base Station

The only installation step is to fix the GPS mounting bracket on the base station with the M4*14 screws. NOTE: The base station may adopt different models of GPS antenna, so the GPS ...

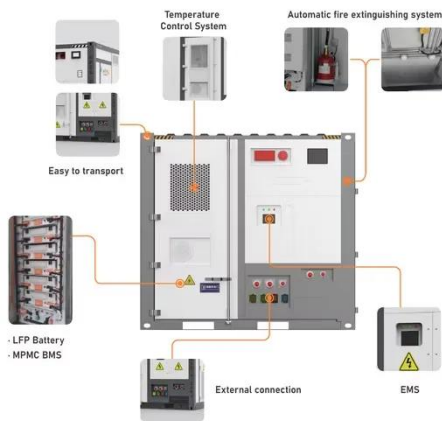


Common ways to set up a base station

The following figure shows a n SPS Modular receiver permanent installation: Setting up a base station for daily site use: T-Bar For construction applications where a daily setup ...

Installing the Base Station Outdoor Unit (ODU) 4 4

Chapter Topics This chapter details how to install the base station Outdoor Unit (ODU). Before beginning the process, review the preinformation in Chapter 3.



Advanced Mobile Outdoor Base Stations for Smart ...

This station integrates advanced Hybrid energy system technology, excels in outdoor base station performance, and leverages an Intelligent energy management system ...

How to set up a base station - Chapter 3: Hardware installation

This is the third of a series of articles dealing with how to correctly set up a base station. This article provides details on how to handle the physical installation of the base station setup.



Nova-233 G2 (mBS1105) Outdoor LTE TDD Base Station

Baicells Nova-233 G2 is high



performance outdoor micro base station based on LTE TDD technology, which is developed by Baicells. The Nova-233 G2 supports wired ...

Gateway and Base Station Installation Guide

Installation Planning IMPORTANT: This document provides guidelines for the proper placement and installation of Gateways, Base Stations, and the antennas. Failure to ...



Nova-436 Outdoor LTE TDD Base Station

Baicells Nova-436 is a high performance outdoor 3.5GHz micro base station based on LTE TDD technology, which is developed by Baicells. The Nova-436 supports wired ...

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