

Kongres Container

Mobile company communication base station EMS



Overview

What is a mobile base station?

A mobile base station, also called a base transceiver station (BTS), is a fixed radio transceiver in any mobile communication network or wide area network (WAN). The base station connects mobile devices to the network and routes them to other terminals in the network or to the core network of a mobile operator. Read more [Explore Mobile base](#).

Why is construction of mobile communication base stations important?

The construction of mobile communication base stations is an important part of the investment of mobile communication operators, and is generally carried out around factors such as coverage, call quality, investment benefits, construction difficulty, and maintenance convenience.

What is a baseband unit (BBU)?

This integration improves performance in mobile networks and enables some of the following advantages. The baseband unit (BBU) is a crucial component in mobile base stations, handling tasks like signal processing, resource allocation, and protocol management to ensure efficient communication between mobile devices and networks.

What is an active antenna system (AAS) in a mobile base station?

[Explore Mobile base](#). Our products and. An active antenna system (AAS) in a mobile base station is a transceiver that integrates an antenna and radio frequency (RF) components in a single unit. This integration improves performance in mobile networks and enables some of the following advantages.

What is a micro base station?

A micro base station is mostly used in cities with a small coverage distance, generally 1-2 km, and directional coverage. A micro-micro base station is mostly used for blind spot coverage in urban hotspots. Generally, the

transmission power is very small and the coverage distance is 500m or less.

What is a baseband unit?

The baseband, main control, transmission, clock and other functions of the base station are integrated into a module called baseband unit BBU (Base Band Unit). The baseband unit is small in size and has a very flexible installation location.

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