

## SolarInnovate Energy Solutions

# Communication distance of Huawei base station



## Overview

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What is a Huawei base station?

Let's dive into a technical explanation. A base station, also known as an eNodeB (for 4G LTE) or gNodeB (for 5G NR) in Huawei's terminology, is a piece of equipment that facilitates wireless communication between user equipment (UE) like smartphones, tablets, and IoT devices, and the core network of the telecommunications provider.

Does China Mobile have a 5G base station on Mount Everest?

China Mobile and Huawei deploy 5G base station at 6,500m on Mt Everest! China Mobile and Huawei have together built the highest elevation 5G (or any other) base station on this planet- at 6500 meters (21,300 feet) at Mount Everest where there are no roads or trails. [Note that the summit is 8,848 meters, but will be measured again this year].

What is the 5G base station at Everest Base Camp?

The 5G base station at Everest base camp includes a Gigabit ONT, Huawei's 10G PON OLT and 200G ultra-high-speed transmission platform, and the HoloSens intelligent video surveillance system. Pictures of 5G Base station at 6500 meters Photo credits: Huawei.

Does China Mobile have a 5G base station?

[Note that the summit is 8,848 meters, but will be measured again this year]. The base station along with two others at lower elevations, will enable China Mobile to run its 5G wireless network on the world's highest mountain.

What systems does Huawei offer?

Huawei provides comprehensive management and control systems, such as Huawei's U2000 or Huawei's Cloud BTS. These systems enable operators to monitor, configure, and manage base stations remotely, ensuring optimal network performance and reliability.

How many UMTS carriers can a bbu3900 support?

When the DBS3900 works in UMTS mode, a BBU3900 supports 24 cells, the maximum configuration of 3 x 8, 1,536 CEs in the uplink, 1,536 CEs in the downlink. In addition, the BBU3900 supports the HSDPA and HSUPA. An RRU3806 supports a maximum of four UMTS carriers.

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