

NKOSITHANDILEB SOLAR

Emergency communication system LTE private network base station



Overview

What is an LTE base station?

LTE base stations consist of base station digital equipment (BDE) that feature digital signal processing and maintenance surveillance functions, as well as RRE equipped with RF receiving, RF transmission and modulation functions. NEC Selected as Vendor for NTT DOCOMO's 1.5GHz Remote Radio Equipment for LTE Base Stations.

What is LTE BS?

Our LTE BS solutions uses latest LTE technology with transmit powers up to 4x 40W for high capacity, long range networking, and uses Software Defined Radio technology with easy upgrade to new features and high capacities. CableFree offers EPC and other related infrastructure for complete LTE network solutions. New Product Release!.

What is CableFree 4G 5G LTE base station?

The CableFree 4G/5G LTE Base Station includes Remote Radio Head (RRH) which typically feature 2x2 or 4x4 MIMO, which are co-located on the tower with the Sector Antennas. CableFree LTE supports the very latest in LTE 4G & 5G specifications, including: Standard S1AP and GTP-U interfaces to Core Network.

Which 4G/LTE CPE devices are available?

CableFree offers a wide range of 4G/LTE CPE devices for indoor and outdoor applications, fixed, mobile and nomadic users, buildings and vehicles. These CPE devices are fully 3GPP standards compliant and can be used with either CableFree LTE Base Station infrastructure or other brands or pre-existing 4G networks.

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The proposed system includes PS-LTE functionalities, mission-critical push-to-talk, proximity-based services, and isolated E-UTRAN operation to ensure the reliable and secure ...

CableFree Emerald 4G & 5G LTE Software Defined Base Stations with advanced features and "stand alone" capability for private networks. Our LTE BS solutions uses latest LTE technology ...

The standalone 4G LTE Manpack Base Station provides a quick and smart network for voice, data, video, and Position Location for Information Services (PLI) for mounted and ...

The proposed system includes PS-LTE functionalities, mission-critical push-to-talk, proximity-based services, and isolated E ...

The Base Station is compatible with a variety of cellular network bands, including non-standard 3GPP frequencies for private LTE Networks, as ...

The ZKManet7771 is a high-performance rack-mounted base station specially developed for emergency communication. It integrates ...

Abstract: This paper proposes a solution of emergency communication private network based on large area network, which aims to provide efficient and reliable ...

The ZKManet7771 is a high-performance rack-mounted base station specially developed for emergency communication. It integrates various communication methods ...

This test verified the working performance of the airborne integrated base station (BBU+RRU+dispatching station+core network) on the tethered drone. The whole system need ...

CableFree Emerald 4G & 5G LTE Software Defined Base Stations with advanced features and "stand alone" capability for private networks. Our ...

The Base Station is compatible with a variety of cellular network bands, including non-standard 3GPP frequencies for private LTE Networks, as well as license-free ISP bands. In addition to ...

An emergency communication system is necessary for first responders, who need to enter areas with no network coverage or damaged network infrastructure due to natural or ...

The main standard of 4G private network is B-TrunC (Broadband Trunking Communication), which is a LTE-based "LTE digital transmission + cluster voice communication" private ...

The ECS system proposed and simulated in this article consists of an autonomous wireless 4G/LTE base station and a LoRa network utilizing a hybrid IoT communication ...

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