Emergency communication LTE private network base station

Overview

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 dismounted military and fir.

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 RREequipped withRF 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 CableFree 4G 5G LTE base station?

The CableFree 4G/5G LTE Base Station includes Remote Radio Head (RRH) which typically feature 2×2 or 4×4 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.

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 a CableFree Emerald 4G & 5G LTE base station?

CableFree offers the Emerald range of 4G & 5G LTE Base Station and core EPC products featuring advanced cellular technology. All of the the CableFree range of LTE products feature latest generation technology and upgradable features for future-proof networking and performance.

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A Emergency Communication System Built By Drone Onboard 4G LTE Private

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 ...

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Portable LTE Integrated Base Station LTE-BX20

LTE-BX20 portable base station is an LTE private network wireless access device with multimedia dispatching function, mainly composed of baseband control unit (BBU), radio frequency unit ...

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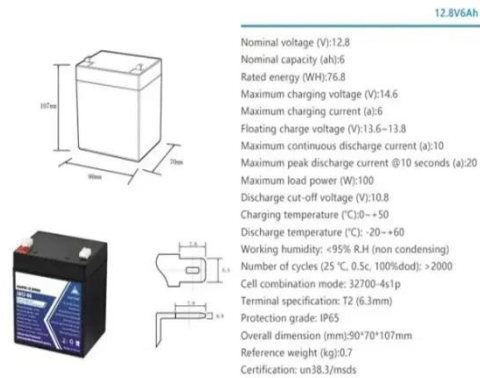

Military Communication

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 ...

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An Independent UAV-Based Mobile Base Station

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 ...

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12.8V6Ah

Nominal voltage (V):12.8
Nominal capacity (ah):6
Rated energy (WH):76.8
Maximum charging voltage (V):14.6
Maximum charging current (a):6
Floating charge voltage (V):13.6~13.8
Maximum continuous discharge current (a):10
Maximum peak discharge current @10 seconds (a):20
Maximum load power (W):100
Discharge cut-off voltage (V):10.8
Charging temperature (℃):0~+50
Discharge temperature (℃):-20~+60
Working humidity: <95% R.H (non condensing)
Number of cycles (25 ℃, 0.5c, 100%dod): >2000
Cell combination mode: 32700-4s1p
Terminal specification: T2 (6.3mm)
Protection grade: IP65
Overall dimension (mm):90*70*107mm
Reference weight (kg):0.7
Certification: un38.3/msds

Application of 4G (LTE) Private Network Technology in ...

Abstract. This article mainly elaborated the current status of emergency communications for fire-fighting forces, analyzed the current situation of the use of emergency communications ...

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Mesh, LTE Private Network, 4G Public Network, WiFi and Wired Network

The ZKManet7771 is a high-performance vehicle base station specially developed for emergency communication. It integrates various communication methods including MESH ...

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Emergency Communication Private Network Solution Based

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

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4G & 5G LTE Base Station

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 ...

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Commercial and Industrial ESS
Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion

JPE LTE base station

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 ...

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An Independent UAV-Based Mobile Base ...

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isolated E ...

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Movable Base Stations in Mobile Networks for Emergency Communications

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 ...

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