LTE Outdoor CPE

Quick Start Guide >

Introduction

LTE outdoor CPE is a highly advanced LTE outdoor multi-service product solution specifically designed to meet integrated data needs for residential, business and enterprise users. The product supports advanced Gigabit renvolving functionalline. It enables wide service soverage and provides high date throughput and networking features to customers who mech easy broadband



Panel of device



Packing List

Make sure you have everything you need to orsperly configure the



How does it work

- 1. Cornect the Pinew Adapter to Pull Injector.
- #. PoE injector provisies the power to ODO via LAN cable. 3 PC connects LAN Cable to PoE, then PC can surf the internet when COU accesses the LSE retwork.

This curck installation guide shows you how to configure your OOA! in prider to account the internet.

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Configure hardware



Please make sure that you are familiar with all accident prevention and safety procedures necessary for working at height and with electricily before starting to Install the device. DC NOT install the COU owing a lightning storm.

Insert a SIM Card to the Slot



take sure the ODU is turned off before you insert our SIM card. It is recommended to NOT connect he PoE cable when you do this step. Otherwise, the HM card may be damaged.



To connect the CATSe (or above) Ethernet cable:

flee the iredalation instructions to mount the DDU correctly.

Step 1 CATSe for above) cable to thread through the cattle glands. Step 2 Connect the end of the CATTle for above Ethernet cable to the PoP pert of the COU.

Step 3 Wiring the cable yeards into CDO and said tightly.

NOTE: Make now you have inserted the BM card into the ODO.



Header Connection



Mounting Bracket



NOTE: The ODU needs professional installation.

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Choose a location

The CDU can be mounted on an arrienna pole or must or on a wall sising the supplied mounting bracket.

- Crosses a mounting point that is sturdy amough to hold the CDU. even during high winds.

When abouting a location to install the ODU, please note that the ODU's front panel should point towards your service providers transport force statum. You do not need to far place to him the topic station from the ODCPs position. However, if you expension difficulties with signal receptors, a Line of Signs (Loft) connection may produce better results.

- It is suggested that you harsport the ODLY to its immediat installation location in its original protective package.

To obtain the best radio signal level and operaction spatitly the CPE armena should be armed blowards the best eNB or BB deepts for sewith fur the best WID direction. The user can rotate the CPE show. and six CPE signly to find the best signal direction. The CPE radio sland strength level can be attended from the RF LEDs incurred on The litter panel as shown below. Offerent solored LEOs représent different signal strength.

Connect the PoE

Placer a CATSe for above Emernet cable that included from the location of your intended Reuter to the desired PC secution.

If you triped to use cable clamps or other methods to secon the liable, do not tighten them until you trisin installing the Router and

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Hardware connections of Rooter

Step 1 Cornect the GATIe for above 5thernet cable to PuE.



Do not connect to a computer or switch directly to the PoE part due to high Pull power.

Step 2 Connect the power adapter to the Poli, injector. The POWER LED turns on a solid green-yellow once connected.

Step 3 Correct the included Ethernet paths from the computer to and of the Router's Ethernet ports.

LED Behavior

When setting up the Cutdoor Linit, the LED will have the following





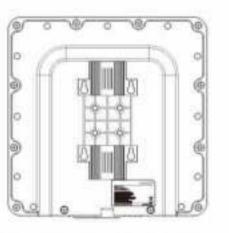
Configure the CPE

Login to the website

this a browns to access the management web page to configure and manage the CFE...

The following procedure describes how to use a computer running: Windows 7 or above version and internet Explorer to connect to the CPE wellpage:

Step 1 Connect to the CPE consulty. Step 2 Start Interest Exposes, type http://100.1006.03.1 in the address has, and press Enlar-



Step 3 Enter the user name and password, and click Log In. You can connect to the management web page after the password

Configuration of LTE

Step 1 Connect to the CPE connective Step 2 Gp to the management website. Step 3 Choose Settings — Network — LTE Settings. Step 4 Sin the connection made and scan mode.





The distant setting is automatic connection and full bace. scarning. If you want to connect to the LTE nations according to your needs, you can set the connection mode as manual, and simply nown wispecific band.

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Frequently Asked Questions

The POWER indicator does not turn on.

- Make sure that the power cable is connected to the PoE, and the OPE is connected to the right part of the Poli. Make sure that the power adjuster and PoE are compatible with the

Fails to Log in to the web management page.

- Make sure that the CRE is powered on - Wenty that the CPE is correctly connected to the computer through as methacieris combina-
- If the problem persists, contact authorized room service suppliers.

The GPE fails to search for the LTE network.

Gheck that the power adjuster and PoE have connected to the GPE. - Check that the CPE is pieced in an open area that is far away from

obstructions, such as concrete or eroder: walls. Check that the CPE is placed for away from household electrical

appliances that generate strong electromagnetic field, such as microseave overs, whigeraturs, and satisfile dishes.

If the problem persists, contact authorized local service suppliers.

The CPE power adapter has overheated

The CPE is heated after being used for long time. Therefore, you resist turn off the CPE when not you are using. - Other's that the CPE is properly ventilated and protected from silved

surlight.

The parameters are restored to default values.

- If the CPE powers off unexpectedly while being configured, the parameters may be nectured to tru dehalf settings.

After configuring the pleameters, downwell the configuration file to pulckly restore the CPE to the desired settings.



Some Netures of the product and its accessories described herein rely on the software ristalled, oxpactive and settings of local network, and may not be activated or may be limited by local reduces operators or network service previous. Thus the descriptions herein may not assectly match the product or its accessories

We reserves the light to intarge or modify any information or spechostore contained in this manual without prior notice or

FCC Regulations:

This device compries with part 15 of the FCC Rules. Operation to subject to the following two conditions: (1) This device may not space nameful interference, and (5) this device must accept any interference mostived, including interference that may cause undested operation, This equipment has been tested and found to comply with the limits for a Class E digital stevice, possuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against hernful. interference in a residential installation. This equipment generates. uses and car radiate radio frequency energy and. If not installed and used in accordance with the instructions, may cause hareful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause humbul interference to radio or feteration. reception, which sign be determined by turning the aquipment off and

more of the following measures: -Represt or relocate the receiving antenna.

- Exchange the separation between the application and receive. -Connect the equipment into an outet on a circuit different from that

to which the moelver is connected. -Consult the dealer or an experienced radio/ TV technolar for help-Changes or read feature not expressly approved by the manufacturer could yold the uper's authority to operate the equipment.

on, the user is encouraged to try to conect the interference by one or

FCC RF Radiation Exposure Statement

This equipment pomplies with FCC radiation exposure limits set forth. for an uncontrolled encounterent. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile. Configurations. The witerway used for the transmitter must be mutalled to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in consumption. with any other antenna or transmitter.