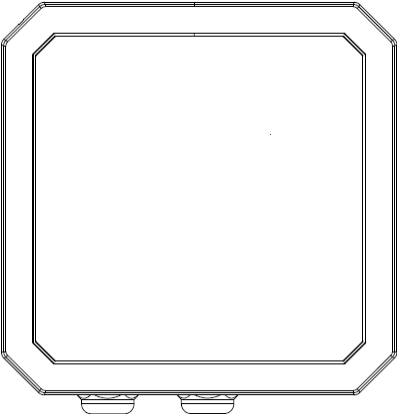






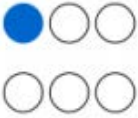

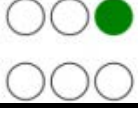
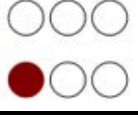
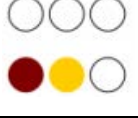

WLTXCS-100

Quick Start Guide

1 What You Need

The LTE Outdoor CPE	Quick Start Guide	PoE
	<p>WLTXCS-100 Quick Start Guide</p>	
<p>Mount Kit (Screw & Bracket)</p>		<p>Power Plug(plug pin type is different based on different country)</p>
		

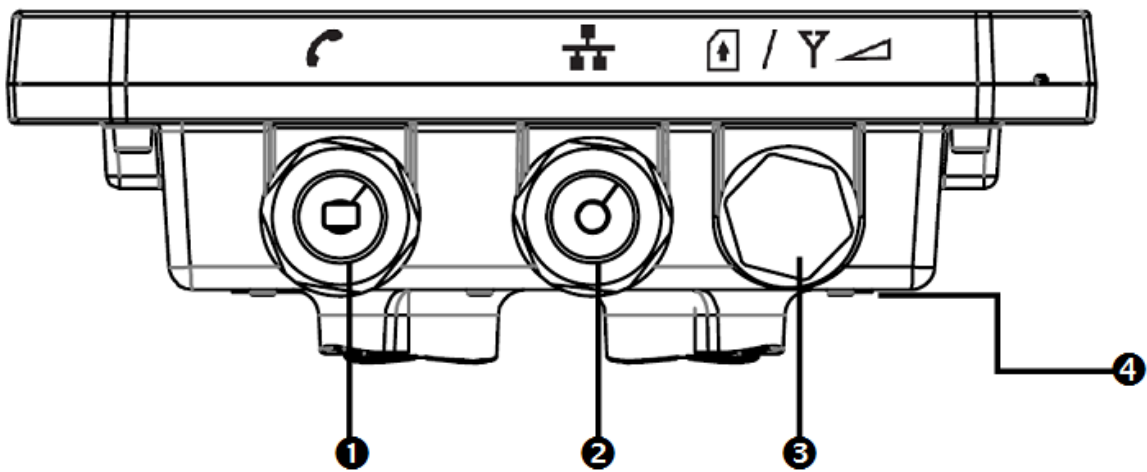
2 LED Behavior

LED Name	Location	Color	LED Behavior	Status Indication
LED list				
Main Power		Blue	ON	Power On
			OFF	Power Off
Ethernet Status		Yellow	Steady ON	Ethernet connected
			Blinking	Data transmission
			OFF	No Ethernet action
SIM status		Green	Steady ON	SIM Detected
			Blinking when On-hook	PUK / PIN Code
			OFF	No SIM Detected
4G Status LED : Link Status			When CPE is power on, each LED indicates each link status	
4G-1		Red	Steady ON	CINR < 8dB
4G-2		Red/ Yellow	Steady ON	8dB < CINR < 24dB
4G-3		Red/ Yellow/ Green	Steady ON	CINR >= 24dB

3 ODU Panel

- **ODU Panel**

1. One RJ-14 connector for connecting to the telephone line.
2. One RJ-45 connector for connecting to the PoE adaptor.
3. LED indicator inside and SIM card slot for inserting SIM card.
4. A grounding screw on the rear panel.



4 Installation

Before installing the ODU, verify that you have all the items listed in section 1: What You Need. If any of the items are missing or damaged, contact your LTE service provider.

Step 1: Selecting a Location

The ODU should be pole-mounted outdoors and aligned so its antenna faces the nearest LTE base station. When selecting a suitable location for the unit, consider these guidelines:

1. Place the ODU as high as possible to achieve the best possible link quality.
2. Place the ODU away from power and telephone lines.
3. Avoid placing the ODU too close to any metallic reflective surfaces.
4. Be sure to ground the ODU with an appropriate grounding wire (not included) by attaching it to the grounding screw on the unit and to a good ground connection.

Step 2: Before Mounting the Device

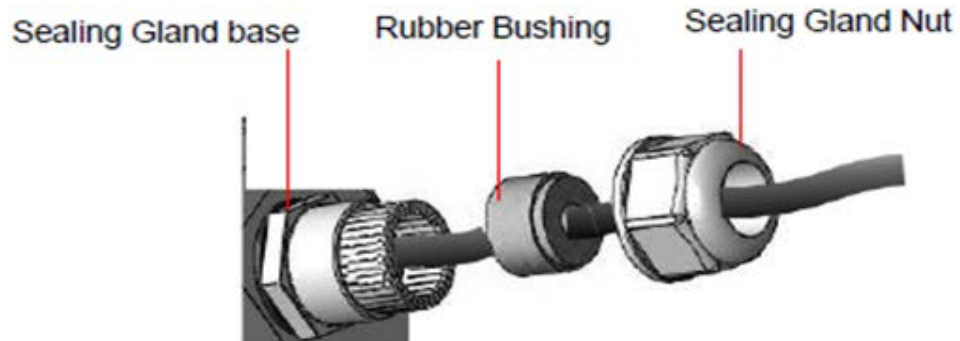
1. Make sure the ODU is turned off and NO PoE supply connected before you insert SIM card or it may damage your SIM card.
2. Please Check below items before installing the outdoor device
 - LED indicator inside and SIM card slot for inserting SIM card
 - One RJ-45 connector for connecting to the ODU to IDU or PoE Supplier
 - Make sure the grounding screw on the rear panel

Step 3: Connect the cable with waterproof node

1. Remove the sealing gland plug from the gland nut.
2. Open the sealing gland nut and remove it. Do not disassemble the gland base from the bracket.
3. Insert the cable into the sealing gland base and connect it to the RJ-45 connector at the bottom of the ODU, labeled. Make sure that the connector is

completely inserted and tightened.

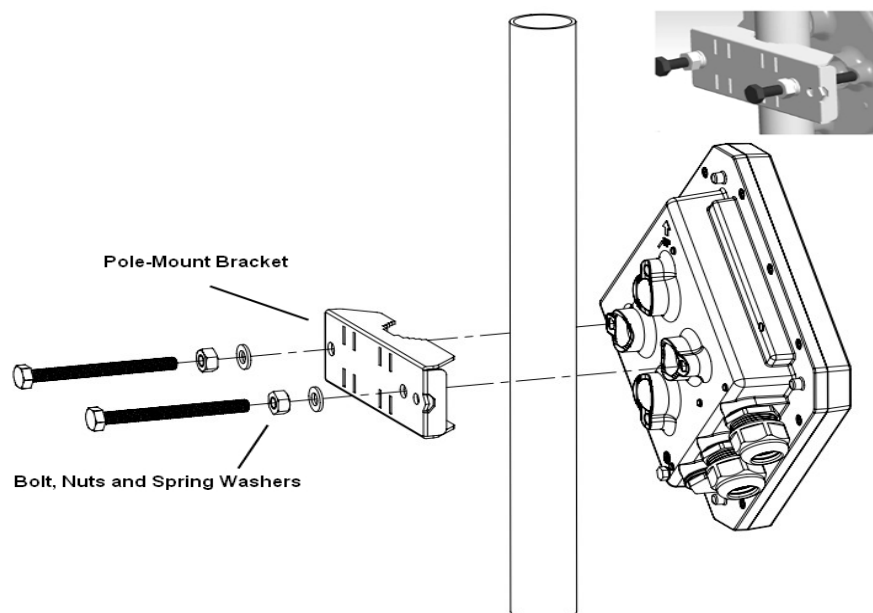
4. Insert the rubber bushing on the cable into the gland base.
5. Gently twist the body into the ODU.



Inserting the Cable into the Sealing Cap

Step 4: Mounting the Device: Installing Pole Mount

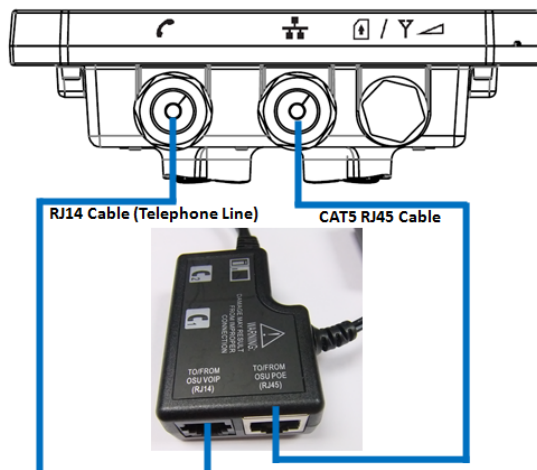
1. Mount the ODU unit on a pole (Diameter between 1-4 inch) with the Pole Mount Kit.
2. Thread the M10*100mm bolts through a spring washer, flat washer and the bracket holes.
3. With the connector facing downward, attach the ODU to a size of 1 inch -4 inch pole.
4. Attach the bracket to the other side of the pole.
5. Thread the M10*100 mm bolts through both holes on either side. Tighten the nuts.



5 Easy Setup

Step 1: Physical connection as following

1. Insert a USIM in device(SIM card slot)
2. Use Ethernet cable to connect the PoE (RJ45 Port) and ODU
3. Use RJ11 cable to connect the PoE (RJ14 Port) and ODU



4. Connect PoE to your PC.



Step 2: Connect to the Internet

Follow the steps below to configure your device through the web interface:

1. Click the web browser (Internet Explorer) and enter default IP address of the ODU CPE: <http://192.168.1.1>
2. Enter ODU administrator login username/password to access the web management interface. The default username/password: **admin/LTEcpe**.



Main page after login



3. Simply configure the device settings after login.

6 Regulatory

6.1 FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **40** cm between the radiator & your body.

6.2 Industry Canada statement

This device complies with Industry Canada licence RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 40 cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 40 cm de distance entre la source de rayonnement et votre corps.

Type	Connector	Gain
Outdoor patch ant.	MHF	15.15

6.3 Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/519/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/519/EC:

EN 302 326-2 V1.2.2

EN 302 326-3 V1.3.1

EN 301 908-1 V6.2.1

EN 301 908-13 V6.2.1

EN 301 489-1 V1.9.2

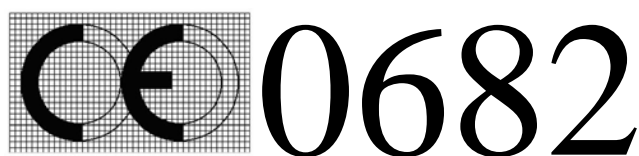
EN 301 489-4 V2.1.1




EN 301 489-24 V1.5.1














EN 62311:2008



EN 60950-1 : 2006 + A11 + A1 + A12 + A2:
2013

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.



 Český [Czech]	<p><i>[Gemtek]</i> tímto prohlašuje, že tento <i>[LTE/WiMAX Outdoor CPE]</i> je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.</p>
 Dansk [Danish]	<p>Undertegnede <i>[Gemtek]</i> erklærer herved, at følgende udstyr <i>[LTE/WiMAX Outdoor CPE]</i> overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.</p>
 Deutsch [German]	<p>Hiermit erklärt <i>[Gemtek]</i>, dass sich das Gerät <i>[LTE/WiMAX Outdoor CPE]</i> in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.</p>

 Eesti [Estonian]	Käesolevaga kinnitab [<i>Gemtek</i>] seadme [<i>LTE/WiMAX Outdoor CPE</i>] vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
 English	Hereby, [<i>Gemtek</i>], declares that this [<i>LTE/WiMAX Outdoor CPE</i>] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
 Español [Spanish]	Por medio de la presente [<i>Gemtek</i>] declara que el [<i>LTE/WiMAX Outdoor CPE</i>] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
 Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ [<i>Gemtek</i>] ΔΗΛΩΝΕΙ ΟΤΙ [<i>LTE/WiMAX Outdoor CPE</i>] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
 Français [French]	Par la présente [<i>Gemtek</i>] déclare que l'appareil [<i>LTE/WiMAX Outdoor CPE</i>] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
 Italiano [Italian]	Con la presente [<i>Gemtek</i>] dichiara che questo [<i>LTE/WiMAX Outdoor CPE</i>] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
 Latviski [Latvian]	Ar šo [<i>Gemtek</i>] deklarē, ka [<i>LTE/WiMAX Outdoor CPE</i>] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
 Lietuvių [Lithuanian]	Šiuo [<i>Gemtek</i>] deklaruoja, kad šis [<i>LTE/WiMAX Outdoor CPE</i>] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
 Nederlands [Dutch]	Hierbij verklaart [<i>Gemtek</i>] dat het toestel [<i>LTE/WiMAX Outdoor CPE</i>] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
 Malti [Maltese]	Hawnhekk, [<i>Gemtek</i>], jiddikjara li dan [<i>LTE/WiMAX Outdoor CPE</i>] jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
 Magyar [Hungarian]	Alulírott, [<i>Gemtek</i>] nyilatkozom, hogy a [<i>LTE/WiMAX Outdoor CPE</i>] megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
 Polski [Polish]	Niniejszym [<i>Gemtek</i>] oświadcza, że [<i>LTE/WiMAX Outdoor CPE</i>] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
 Português [Portuguese]	[<i>Gemtek</i>] declara que este [<i>LTE/WiMAX Outdoor CPE</i>] está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
 Slovensko [Slovenian]	[<i>Gemtek</i>] izjavlja, da je ta [<i>LTE/WiMAX Outdoor CPE</i>] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

 Slovensky [Slovak]	<i>[Gemtek]</i> týmto vyhlasuje, že <i>[LTE/WiMAX Outdoor CPE]</i> spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
 Suomi [Finnish]	<i>[Gemtek]</i> vakuuttaa täten että <i>[LTE/WiMAX Outdoor CPE]</i> tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Radiation Exposure Statement:

This equipment complies with CE radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **40** cm between the radiator & your body.