LTE IDU
Quick installation Guide

WLTFGT-145ACN

LTE Indoor CPE

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1. About this Guide

This document provides information and procedures on installation and configuration of LTE Indoor CPE. You could utilize the theoretical information in this guide to setup your device. This Quick Installation Guide covers the basic installation of the LTE Indoor Gateway.
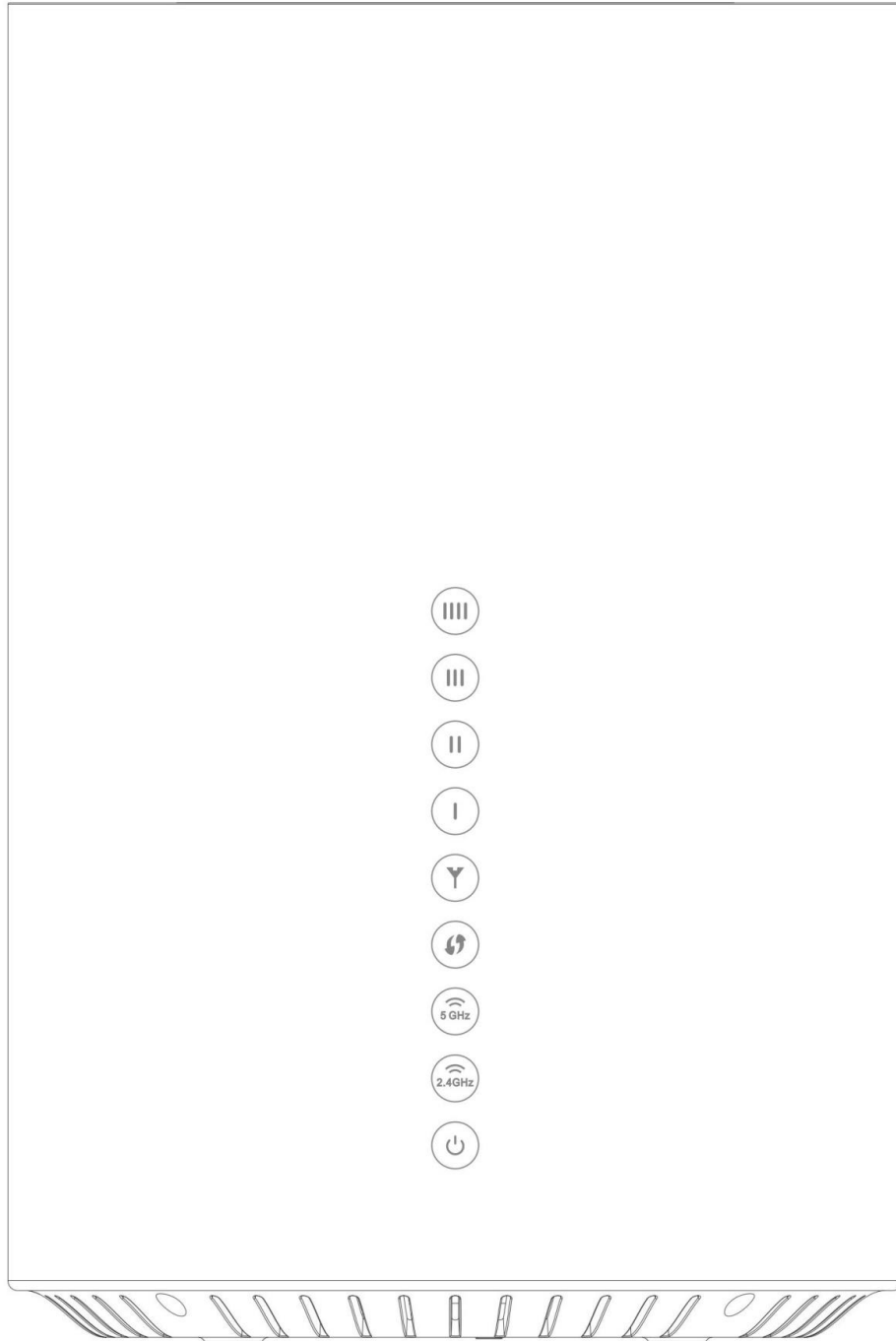
2. What's in the box?

Here's a quick checklist of everything inside your box.

Before installing the CPE, verify that you have all the items listed in the package checklist. If any of the items are missing or damaged, contact your LTE service provider.

	The LTE Indoor CPE
	Quick installation Guide
	Power Adapter
	CAT5e 8-wire Ethernet cable for connecting IDU and computer

3. LED Indicators

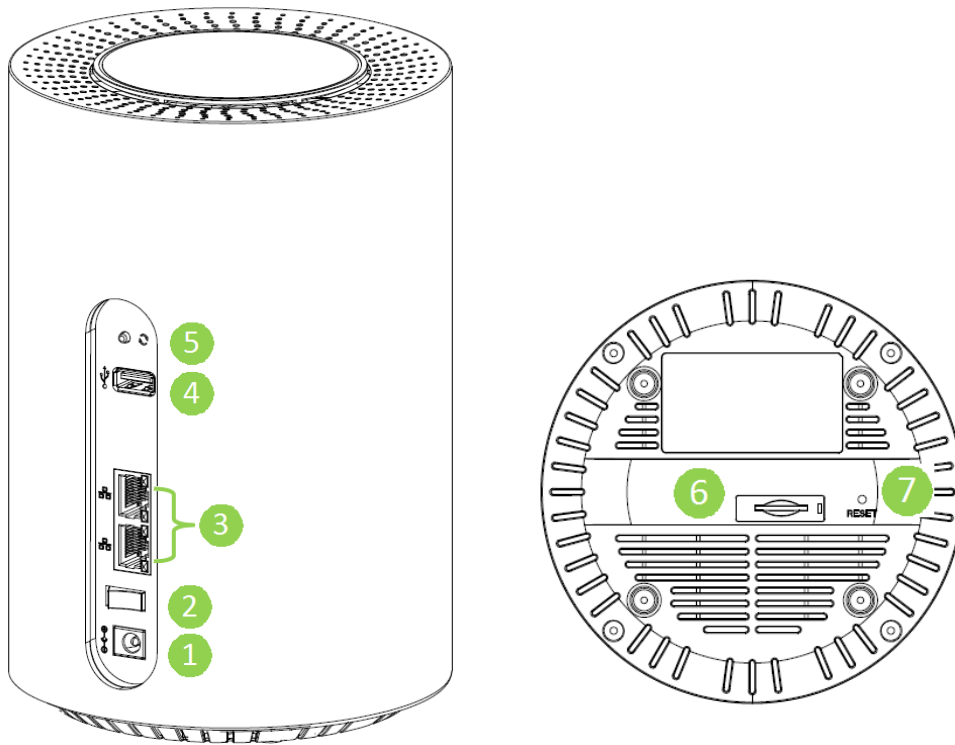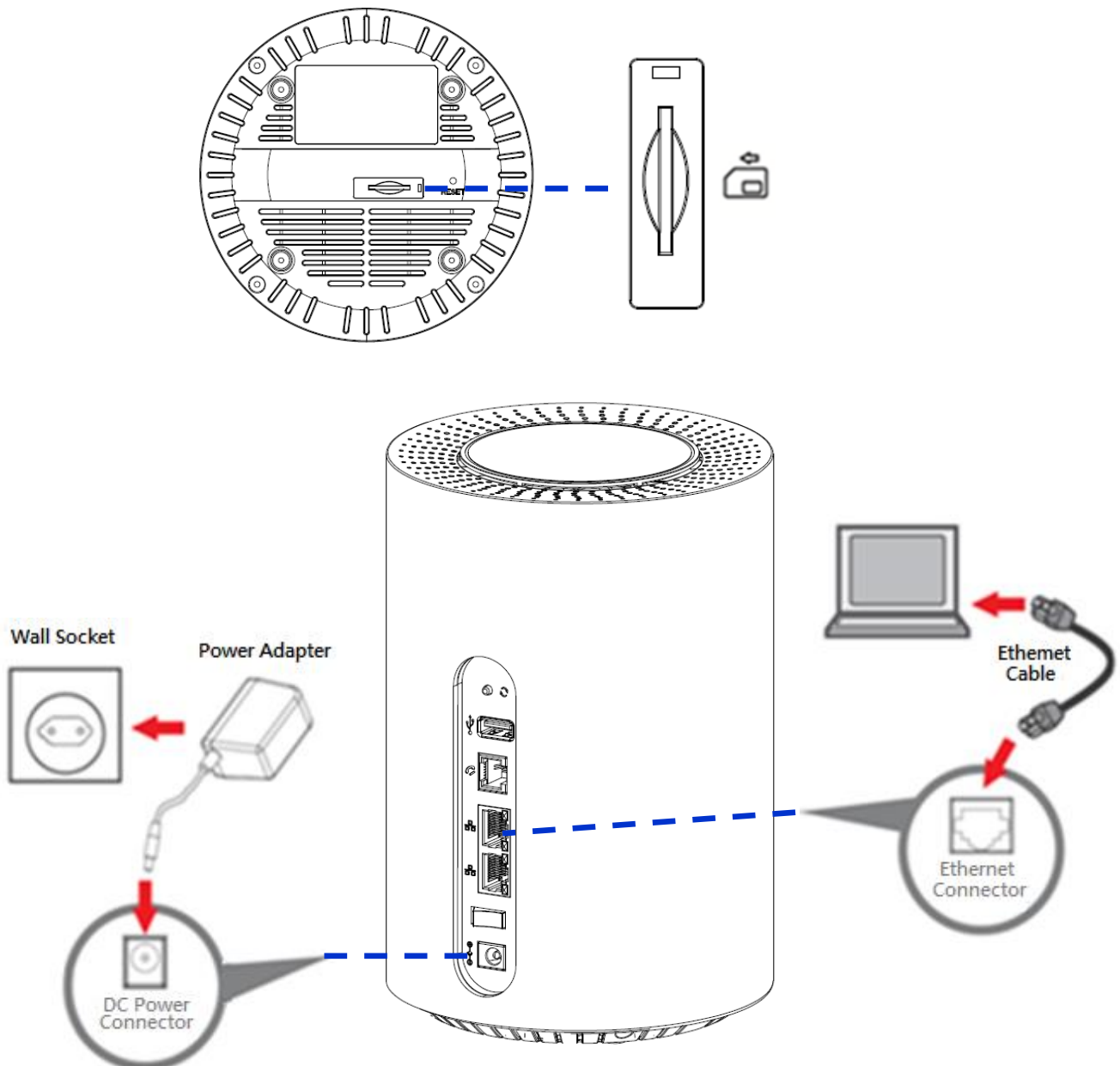|	LED Indication	Icon	Status	Description
1	Power	⏻	ON	Power ON
			OFF	Power OFF
2	2.4 WiFi	2.4GHz	ON	Wi-Fi ON
			Blinking	Transmitting data
			OFF	Wi-Fi OFF
3	5 WiFi	5 GHz	ON	Wi-Fi ON
			Blinking	Transmitting data
			OFF	Wi-Fi OFF
4	WPS		Blinking	Searching for Connection
			ON	Connection confirm (will be off after 5 seconds)
5	Signal Strength	Display signal strength		
		Y	ON	SINR < 7dB (Blinking: No SIM Card)
		I		1 LED: 7dB ≤ SINR < 11dB
		II		2 LED: 11dB ≤ SINR < 18dB
		III		3 LED: 18dB ≤ SINR < 23dB
		IIII		4 LED: 23dB < SINR
		OFF		LTE OFF
6	Firmware Upgrade	Electronic scrolling marquee		
7	Reset	All LEDs are blinking		

4. Connectors

	Connector	Description
1	Power (DC-12V Port)	The power port is where you connect the power adapter.
2	Power On/Off Switch	The on/off switch support to turn on device
3	LAN – RJ -45	The LAN port allows you to connect Modem to your PC or Hub using a Cat.5/6 Ethernet network cable.
4	USB Type A Host	Support USB 2.0 Host
5	WPS	Holds down the button for 5 seconds to enable WPS function.
6	USIM Slot	Support 2FF size ; 1.8V/3.3V USIM for LTE Mode
7	Reset	Press the button for 5 seconds to reset the setting back to factory default.

5. Installation

Please follow the steps below to install the device:

Step1: Insert SIM card into the device with right direction.

Step2: Connect the device **LAN** port to your PC with a RJ-45 Ethernet cable that is supplied.

Step3: Insert the power cord into the LTE Indoor CPE's **DC-12V** power jack; and insert the plug into power outlet.

Step4: Switch ON the power. The device will start the booting process. After a few seconds, the LED lights will start blinking.
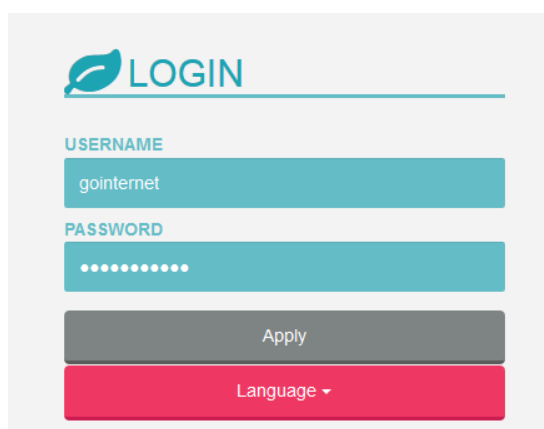
6. Easy Setup

Please follow the steps below to configure your device through the web interface:

Step1: Open the Web browser (Internet Explorer) and enter the default IP address of the IDU CPE : **http://192.168.15.1**

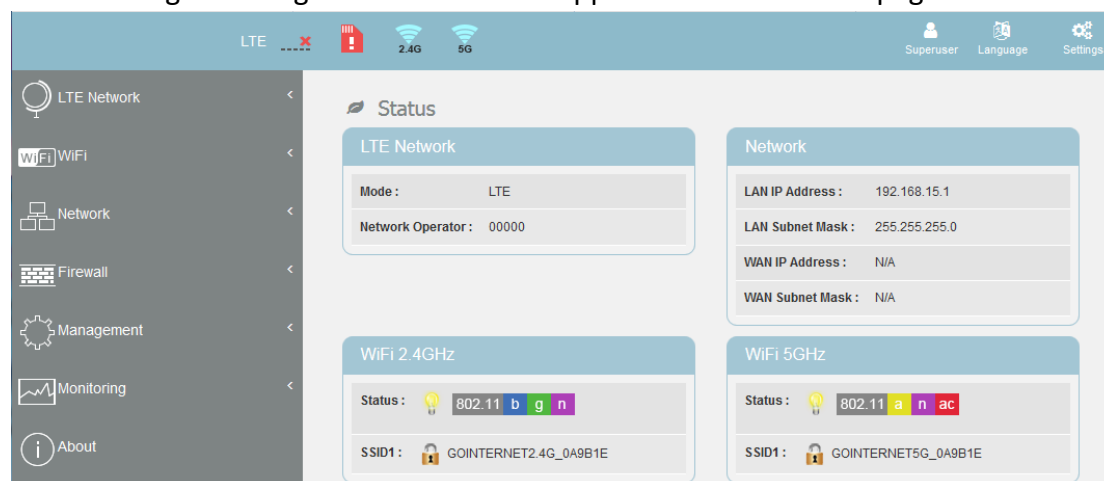**Step2:** Enter username/password to access the web management interface.
Username : admin
Password : admin

Step3: The page displays in your browser after login; you can simply configure the device settings.
Signal strength indicator on the upper-left corner of webpage.

7. WiFi Setting

Select WiFi from main menu. Then screen will display the default setting of SSID, radio channel, working mode, and SSID broadcast.

WiFi Status:

WiFi 2.4G Settings:

WiFi 5G Settings:

Federal Communication Commission Interference Statement

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 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.

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.

IMPORTANT NOTE:
FCC 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 20cm between the radiator & your body.

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

Professional installation instruction

Please be advised that due to the unique function supplied by this product, the device is intended for use with our interactive entertainment software and licensed third-party only. The product will be distributed through controlled distribution channel and installed by trained professional and will not be sold directly to the general public through retail store.

1. Installation personal

This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

2. Installation location

The product shall be installed at a location where the radiating antenna can be kept 20cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

3. External antenna

Use only the antennas which have been approved by Gemtek. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC limit and is prohibited.

4. Installation procedure

Please refer to user's manual for the detail.

5. Warning

Please carefully select the installation position and make sure that the final output power does not exceed the limit set force in relevant rules. The violation of the rule could lead to serious federal penalty.