LTE IDU
Quick installation Guide

WLTFGT-145ACN

LTE Indoor CPE

Copyright

Notice

Contents

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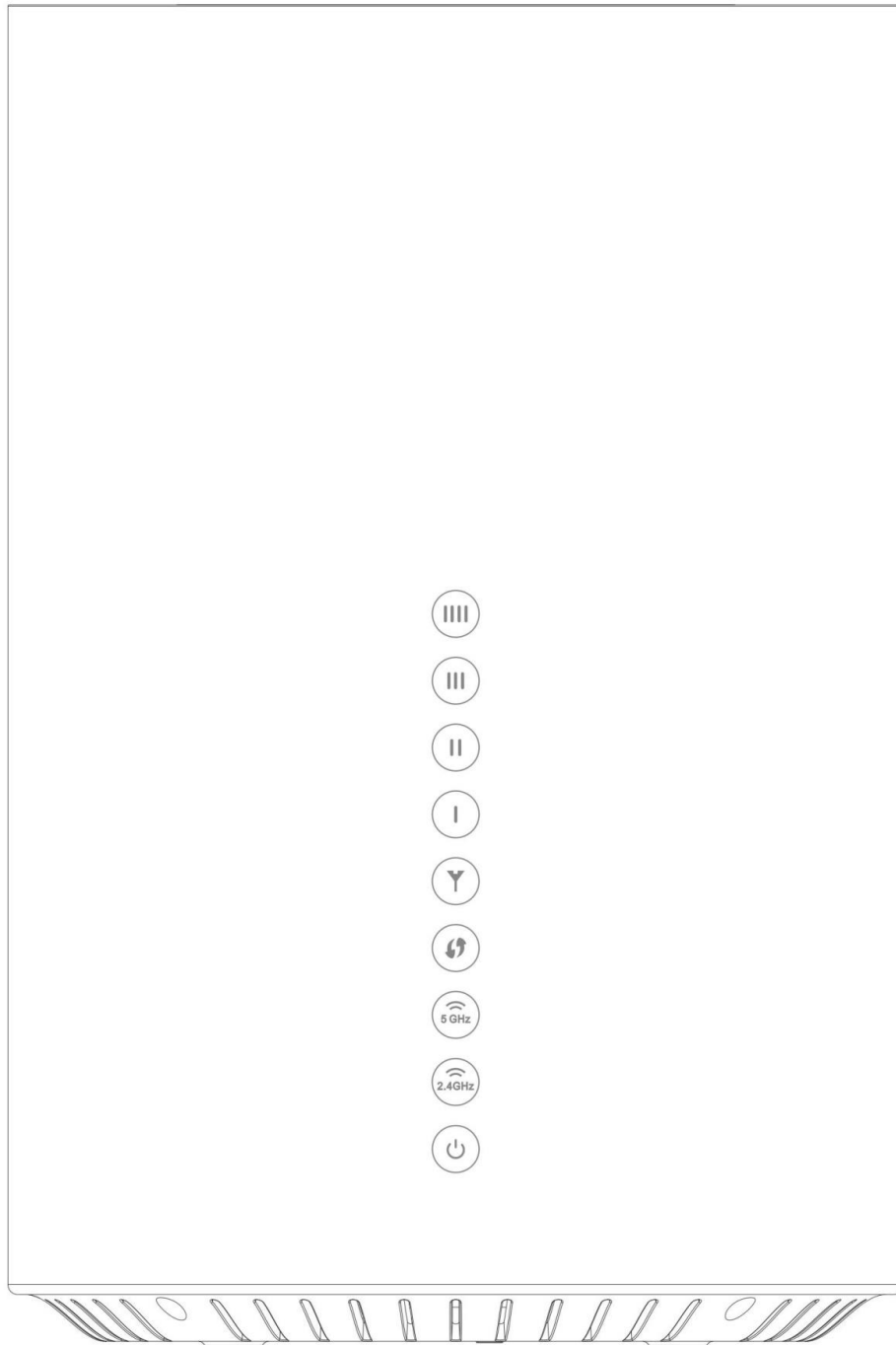
	LED Indication	Icon	Status	Description
1	Power	⏻	ON	Power ON
			OFF	Power OFF
2	2.4 WiFi	2.4GHz	ON	Wi-Fi ON
			Blinking	Transmitting data
			OFF	Wi-Fi OFF
3	5 WiFi	5 GHz	ON	Wi-Fi ON
			Blinking	Transmitting data
			OFF	Wi-Fi OFF
4	WPS		Blinking	Searching for Connection
			ON	Connection confirm (will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

4. Connectors
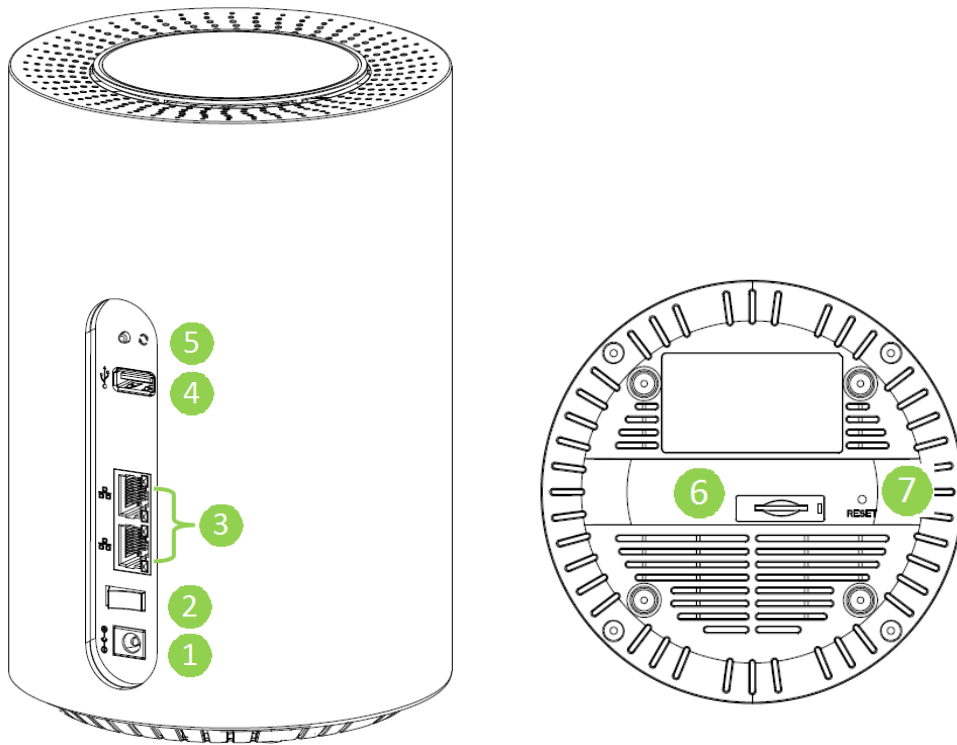
	Connector	Description
1	Power (DC-12V Port)	The power port is where you connect the power adapter.
2	Power On/Off Switch	The on/off switch support to turn on device
3	LAN – RJ -45	The LAN port allows you to connect Modem to your PC or Hub using a Cat.5/6 Ethernet network cable.
4	USB Type A Host	Support 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.
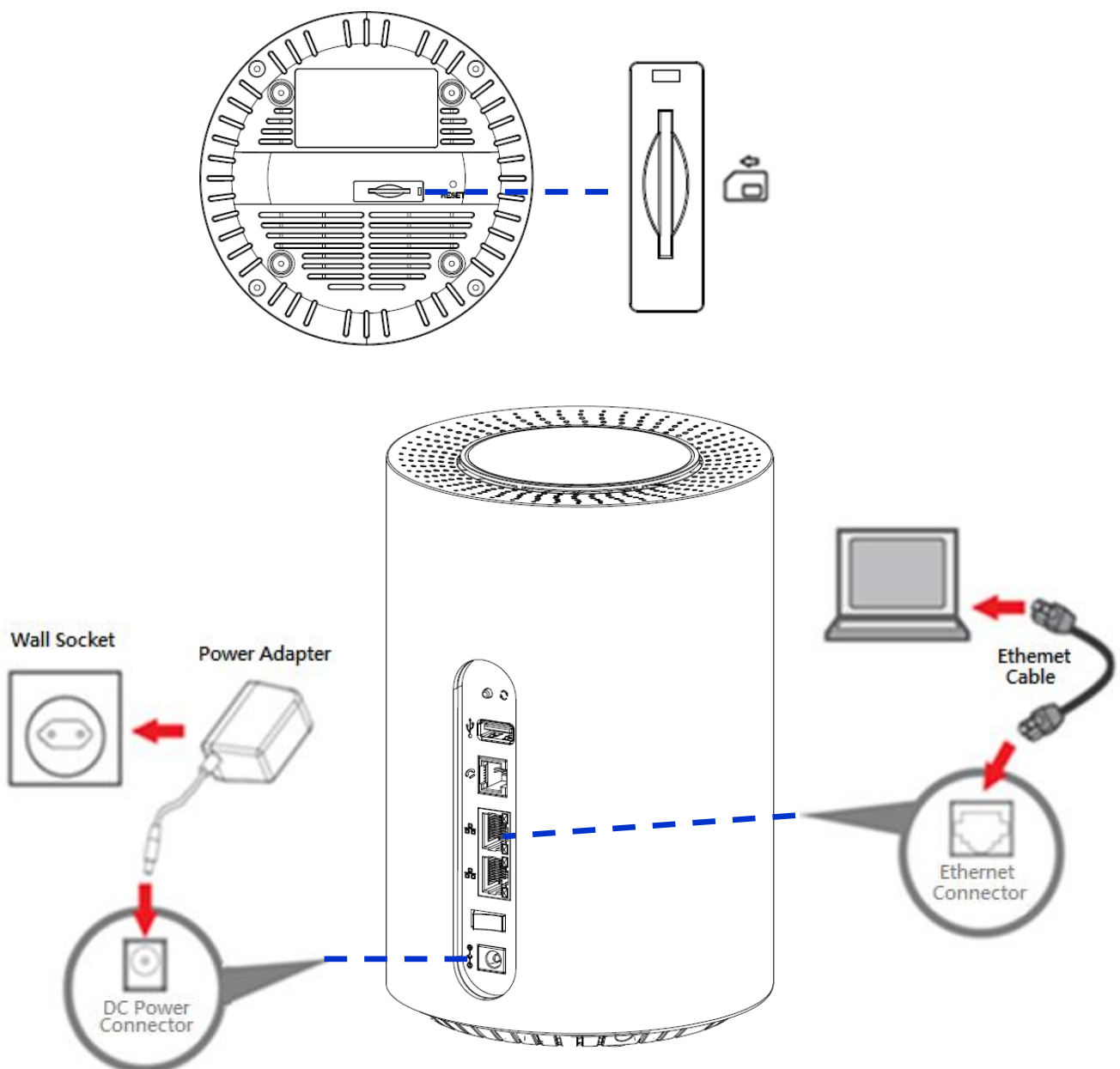
6. Easy Setup
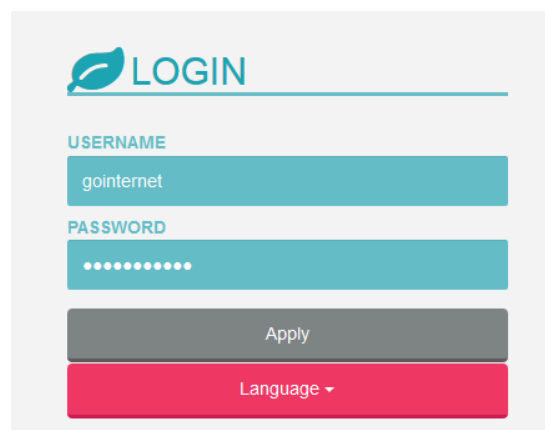
Please follow the steps below to configure your device through the web interface:

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.
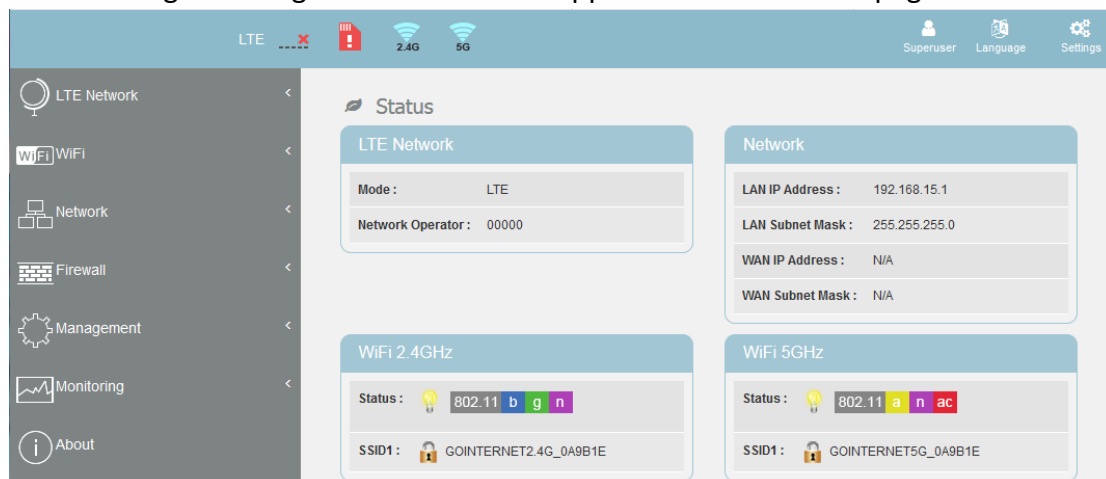
7. WiFi Setting

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:

LTE ----- 2.4G 5G   Superuser   Language   Settings

LTE Network ‹

WiFi WiFi ⌄

▸ Status

▸ Settings ⌄

   ▸ WiFi 2.4Ghz

   ▸ WiFi 5Ghz

Network ‹

Firewall ‹

Management ‹

Monitoring ‹

About

🍃 Settings

Wireless Settings

Interface Status	Enable	Disable
Network Name(SSID)	GOINTERNET5G_0A9B1E	
Region	Europe	
Radio Channel	Auto	
Working Mode	802.11a/n/ac	
Bandwidth (only 11n)	20M/40M/80M	
RTS Threshold	2347	(range:1~2347)
Preamble Length	Long Preamble	
SSID Broadcast	Enable	

Security

Security Types Setup

| Authentication | WPA/WPA2-Personal Mi |
| Encryption | AES |

Pre-shared Settings

| Rekey Interval | 3600 |
| Key Pass Phrase | 9lsjce0j |

Wi-Fi Protected Setup(WPS)

| Enable WPS | ☐ | WPS Button |

Access Control List   Cancel   Apply

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.