GLU-194M

LTE USB Dongle

Quick User Guide

PLEASE READ THESE SAFETY PRECAUTIONS!

RF Energy Health Hazard

The radio equipment described in this guide uses radio frequency transmitters. Although the power level is low, the concentrated energy from a directional antenna may pose a health hazard. Do not allow people to come in close proximity to the front of the antenna while the transmitter is operating.

Protection from Lightning

Before connecting this instrument to the power line, make sure that the voltage of the power source matches the requirements of the instrument. The unit must be standards.

Disposal and Recycling Information

Pursuant to the WEEE EU Directive electronic and electrical waste must not be disposed of with unsorted waste. Please contact your local recycling authority for disposal of this product.

FCC Notice, USA

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.

NOTE 1: 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 or more 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the
party responsible for compliance could void the user's authority to operate the
equipment.

FCC RF Exposure Information and Statement

This device meets the government's requirements for exposure to radio waves. The
guidelines are based on standards that were developed by independent
scientific organizations through periodic and thorough evaluation of scientific studies.
The standards include a substantial safety margin designed to assure the safety of all
persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg
averaged. Device types: LTE USB Dongle (FCC ID: S3KGLU194M) has also been

tested against this SAR limit. SAR information on this and other pad can be viewed on-line at   http://www.fcc.gov/oet/ea/fccid/. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body. To maintain compliance with FCC RF exposure requirements, the use of belt clips, holsters and similar accessories should not contain metallic components in its assembly; the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Table of Contents

1. Overview

The GLC-194M is a high performance 4G LTE USB Dongle product designed to enable quick LTE mobile or fixed data service deployment to the remote customers. It provides high data throughput and networking features to end users who need both bandwidth and quality service in the remote area.

1.1. User Interface Specification

Model	Description & User Interface

GLU-194M	- Antenna Gain: - Band 25/41 3.5dBi, Band 26 2.5dBi - 1 USB TYPE-C Port - 1 LED - USB 2.0, Power <5 Watts - Dimensions: 190 mm (L) × 68 mm (W) × 53 mm (D) - Weight: 166g - Temperature Operating -10℃ to 40℃ Storage -20℃ to 70℃ - Humidity 5% to 95%

1.2. LTE Interface Specification

Frequency Bands	Band 25/26/41
Radio Access	3GPP LTE Release9
Operation Mode	TDD or FDD, 2RX, 1TxD, DL MIMO
Output Power	23dBm at antenna port
Throughput	Category 4
SIM Support	SIM card slot (4FF)

2. Getting Started

2.1. Packing list and CPE Unit

Upon receiving the product, please unpack the product package carefully. Each product is shipped with the following items:

Table 2-1 Packing List

Products	**Quantity**
USB Dongle Unit	1
USB TO TYPE-C Cable	1

Sucker	2

If you find any of the items missed, please contact your local distributor immediately.
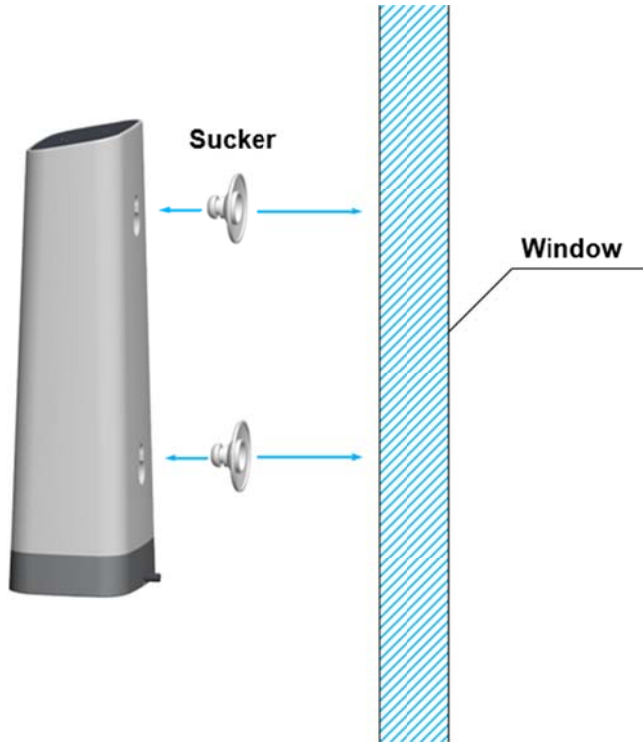
2.2. Installing the Equipment

■ **Insert the SIM CARD**

■ **Insert the USB TO TYPE-C Cable**

■ **Installed on the window**

■ **Device logic connection**

■ **LED Display**

Color	Definition
Tri-color rotation	Device is power on
Yellow	Device is booting
Red Blinking	SIM card is error
Green Blinking	Network scanning
Blue	Wireless accessed, LTE signal RSRP>-95dBm
Green	Wireless accessed, LTE signal RSRP<-95dBm
Yellow Blinking	Antenna signal is unbalanced

3. Driver Software Installation

■ **Windows**

When you plug in the device first time in a Window machine, the Auto-Install program will start running automatically and appears NDIS interface.

■ **Linux**

When you plug in the device first time in a Linux machine, don't need to install any driver and appears "usb0" network interface.