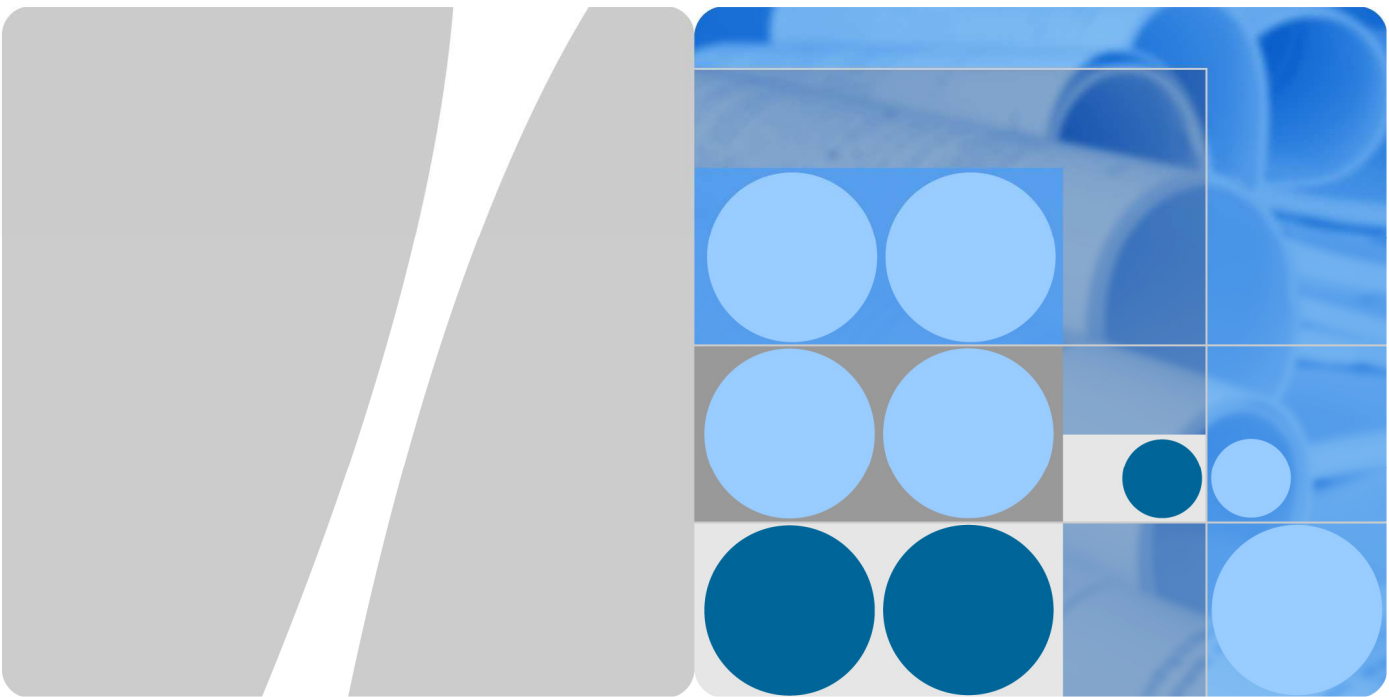


Product Description



E3372-325 LTE Dongle
V100R001

Version 01
Date 2022-06-06

1 Overview

E3372-325 LTE Dongle as a high speed network access terminal product. It is a multi-mode wireless terminal for SOHO (Small Office and Home Office) and business professionals, in order to meet the requirement from different operators.

The E3372-325 supports the following frequency bands:

- LTE: B1/B3/B7/B8/B20/B28/B38/B40
- HSPA+/HSPA/UMTS: B1/B8

The E3372-325 supports the following standards:

- Long Term Evolution (LTE)
- High-Speed Packet Access Plus (HSPA+)
- High Speed Uplink Packet Access (HSUPA)
- High Speed Downlink Packet Access (HSDPA)
- Universal Mobile Telecommunications System (UMTS)

The E3372-325 provides the following services:

- LTE FDD packet data service
- HSPA+ packet data service
- HSDPA packet data service
- HSUPA packet data service
- UMTS packet data service
- LTE/UMTS SMS service

You can connect the E3372-325 with the USB interface of a computer.

In the service area of the LTE/HSPA+/HSPA/UMTS network, you can surf the Internet and send/receive messages/emails cordlessly. The E3372-325 is fast, reliable, and easy to operate. Thus, mobile users can experience many new features and services with the

E3372-325. These features and services will enable a large number of users to use the E3372-325 and the average revenue per user (ARPU) of operators will increase substantially.

2 Features

2.1 Main Features

The E3372-325 mainly supports the following features:

- LTE FDD data service of up to DL 150Mbit/s/UL 50Mbit/s
- HSPA+ data service of up to 21Mbit/s (64QAM)
- HSDPA data service of up to 14.4Mbit/s
- HSUPA data service of up to 5.76Mbit/s
- Support LTE/UMTS SMS service
- Support WebUI management the device
- Support PnP, Plug and Play

2.2 Technical Specifications

2.2.1 Hardware

Table 2-1 Hardware specifications

Item	Specifications
Technical standard	LTE/HSPA+/HSPA/UMTS
Operating frequency	LTE: B1/B3/B7/B8/B20/B28/B38/B40 HSPA+/HSPA/UMTS: B1/B8
External interfaces	One USB 2.0 (Type A) interface
	One Mini-SIM card interface

Item	Specifications	
	Two TS-5 External antenna interface	
LED	Indicating the status of the network	
Maximum transmitter power	LTE	+23dBm (Power Class 3)
	HSPA+/HSPA/UMTS	+23dBm (Power Class 3)
Static receiver sensitivity	LTE FDD: Accorded with 3GPP TS 36.101(R9)	
	HSPA+/HSPA/UMTS: Compliant with 3GPP TS 25.101(R9)	
Maximum power consumption	<3.5W	
Dimensions (D × W × H)	88mm x 28mm x 11.5mm	
Weight	<= 35g	
Temperature	Operating: -10°C to +40°C Storage: -20°C to +70°C	
Humidity	5% to 95%	

2.2.2 Software

Table 2-2 software specifications (WebUI)

Item	Description
Basic specifications	<ul style="list-style-type: none"> • WebUI • Auto connect, auto reconnect • Display the device information by website
PIN management	PIN unlock
SMS	Support SMS read and send
Device information display	<ul style="list-style-type: none"> • Connection status • Signal strength • Operator name • Network mode • Roam status
System requirement	<ul style="list-style-type: none"> • Windows 7, Windows 8, Windows 8.1, Windows 10 (Does not support Windows RT), Mac OS x 10.12, 10.13, 10.14 and 10.15. • Your computer's hardware system should meet or exceed the recommended system requirements for the installed version of OS
<p>Notes: PIN = Personal identification number PUK = PIN unblocking key</p>	

3 Services and Applications

3.1 Data Service

After the E3372-325 is connected to the PC through the USB interface, the E3372-325 will automatically connect to the network. Users can directly use the APN parameters preset on the page (or configure the APN on the E3372-325 web page) and establish a connection to access the Internet.

3.2 SMS

The E3372-325 supports message writing/sending/receiving. The E3372-325's web-based management page provide powerful SMS management functions, including Outbox, Inbox, and Drafts.

4.2 Functional Modules

1. **Radio frequency module:** Sends/receives radio signals and modulates/demodulates radio signals and baseband signals.
2. **Baseband signal processing module:** Processes LTE/HSPA+/HSPA/UMTS baseband signals, including:
 - Modulating/demodulating LTE/HSPA+/HSPA/UMTS baseband signals
 - Encoding/decoding LTE/HSPA+/HSPA/UMTS channels
3. **Platform Service Subsystem:** It initializes programs, diagnoses the running of the system, downloads data and serves as a watchdog.
4. **Bottom layer driver:** Drives peripherals, including USB devices, LED and USIM/SIM.
5. **Protocol stack system:** Processes protocols of LTE/HSPA+/HSPA/UMTS.
6. **Application system:** Send the laptop's commands to the underlying protocol for processing and return values to the laptop. Existing applications include: call management, SMS management, PS/CS domain service management.
7. **User interface:** Provides an interface for connecting peripheral devices. Interfaces are used for LED indicators and USIM/SIM.
8. **Web Server:** Provides server programs for Web client programs.
9. **Web client application:** The configuration management of the E3372-325 and related services are realized through the WebUI.