



QNAVIGATOR WITH EG95

User Manual



Purpose of the Document

The purpose of this document is to explain how to use the LTE Cat 4 EG95 with QNavigator on Windows operating system.

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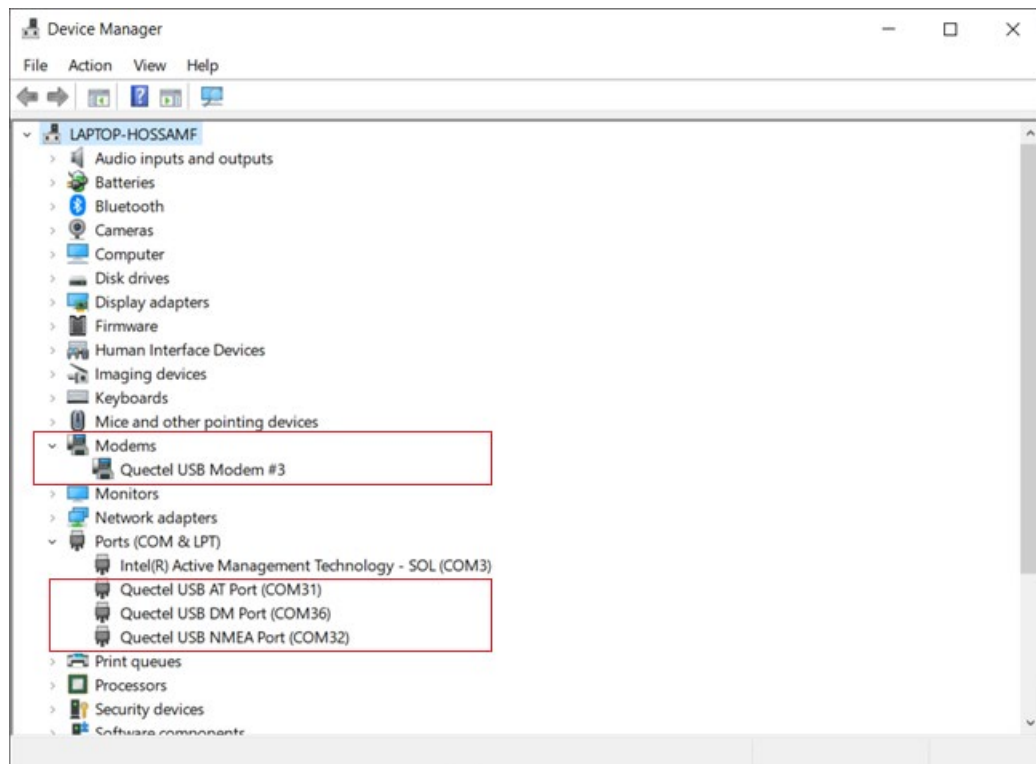
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1 Introduction

EG95 module is LTE Cat 4 module which can be used as a modem from Windows or Linux machine. The following procedure explains how to use it on Windows PC. Similar procedure can be used on Linux as well

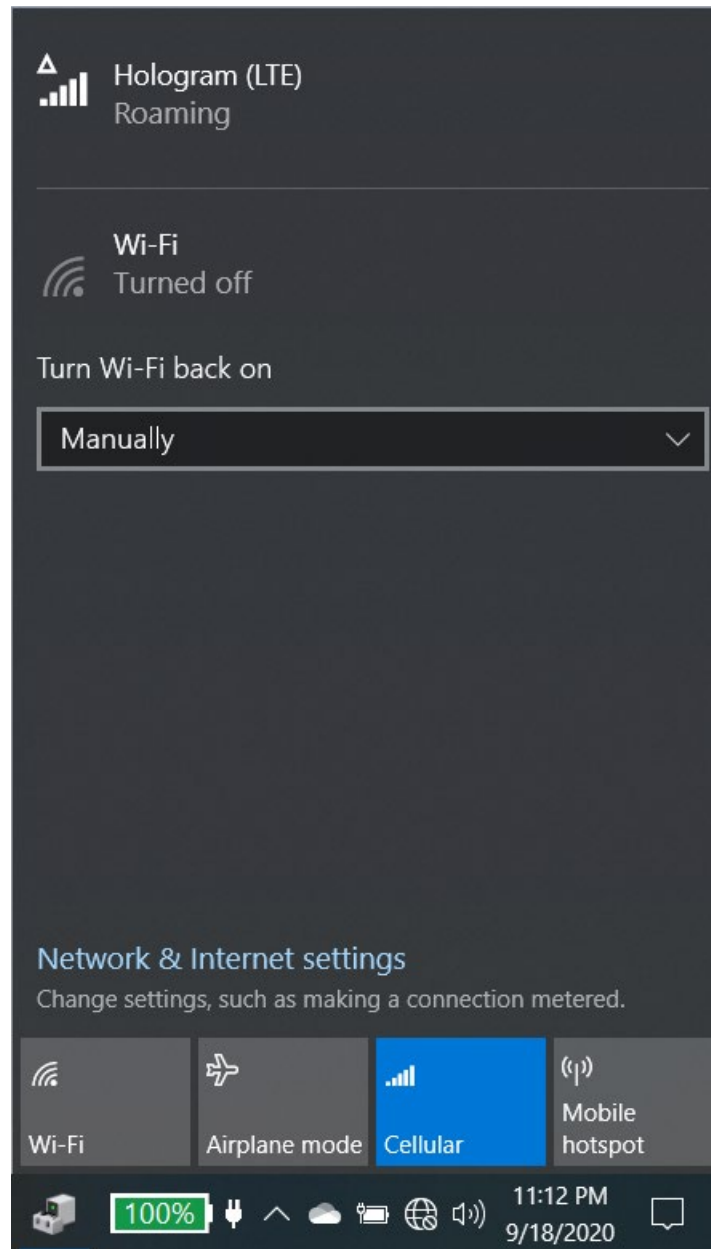
2 Windows Device Manager

When you plug the USB dongle for EG95 into windows machine, make sure the EG95 is powered on and a SIM card is inserted. Launch Windows device manager and you shall be able to see the ports and modem of the EG95 as shown in the following picture:



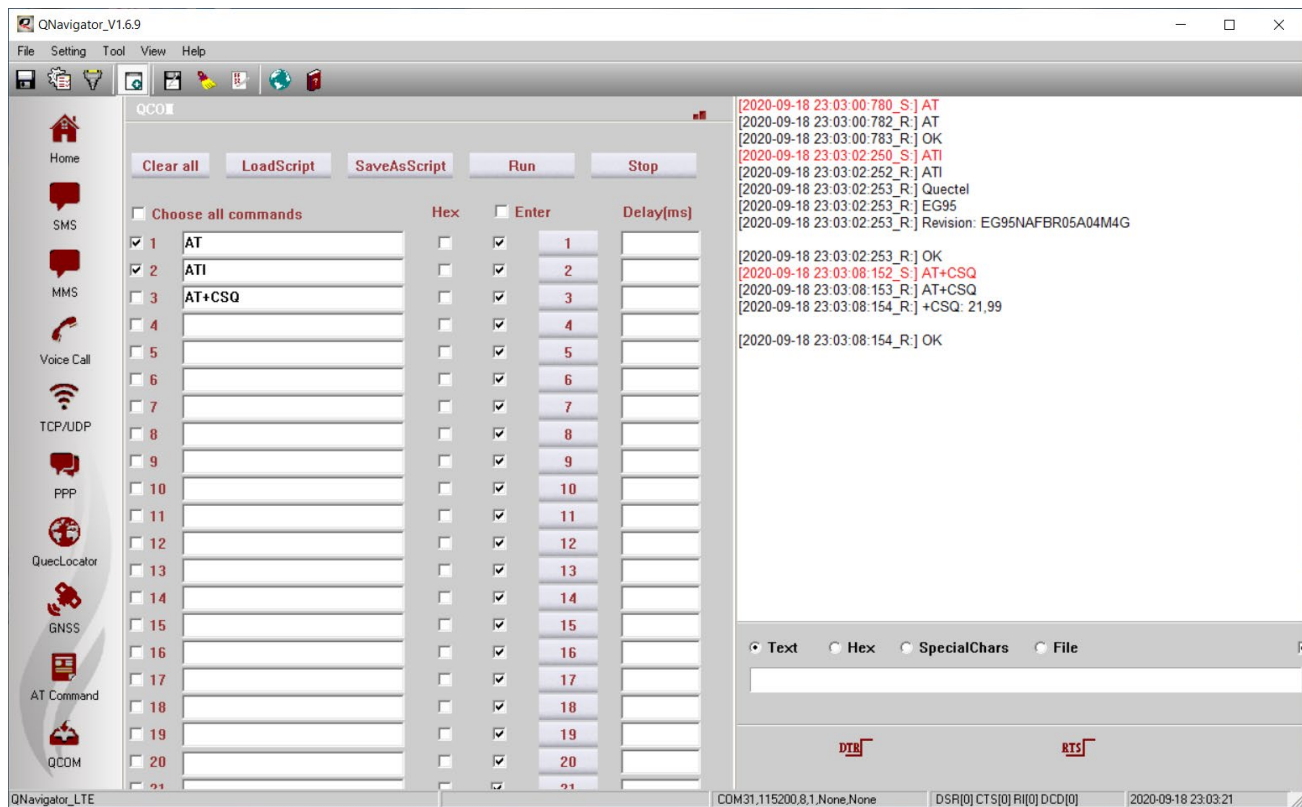
3 Window Task Bar

You can open the "Network & Internet Setting" from the Task bar and you shall be able to see the modem as in the picture below. It shows the EG95 as Hologram (LTE) because the SIM card used is from hologram.io company. If you used AT&T or other mobile operator, you shall see it displayed in the "network & Internet Setting" device.



4 Using Quectel Navigator

Download and install QNavigator tool. Launch it and follow the same screenshots as below:



QNavigator

Select Module Type

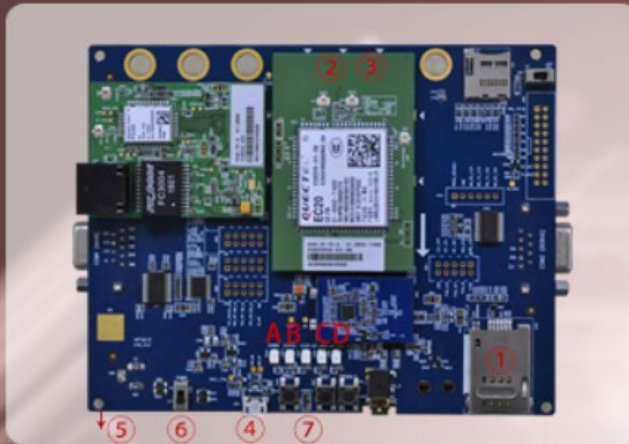


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Step 1: Serial Port Setting



- ① Insert SIM/USIM card.
- ② Connect Main antenna with module.
- ③ Connect GPS antenna with module.
- ④ Connect USB cable with module.
- ⑤ Connect module with power supply.
- ⑥ Switch on Power Supply.
- ⑦ Push PWRKEY to start the module.

A: POWER LED permanently on indicates power supply works well.

B: STATUS LED permanently on indicates module works well.

C: NET_STATUS indicates the status of network search.

D: NET_MODE permanently on indicates module has registered on 3G/4G network.

QNavigator

Step 2: Serial Port Setting



Serial port parameter set

Serial port settings

Port: Quectel USB AT Port (COM27)

Baudrate: 115200

DataBits: 8

StopBits: 1

Parity: None

FlowCtrl: SW Ctrl

OK Cancel

Select the corresponding serial port number, and set the appropriate data in the rest communicative parameter items, then click OK to enter main interface of QNavigator.

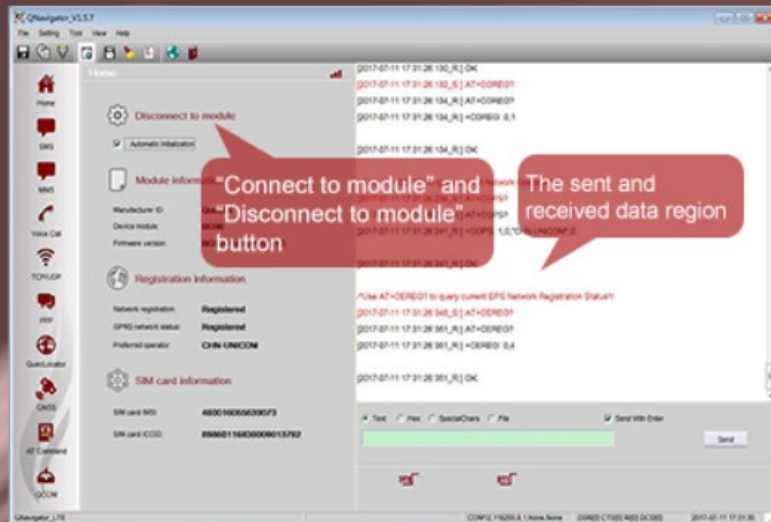


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Step 3: Connect to module



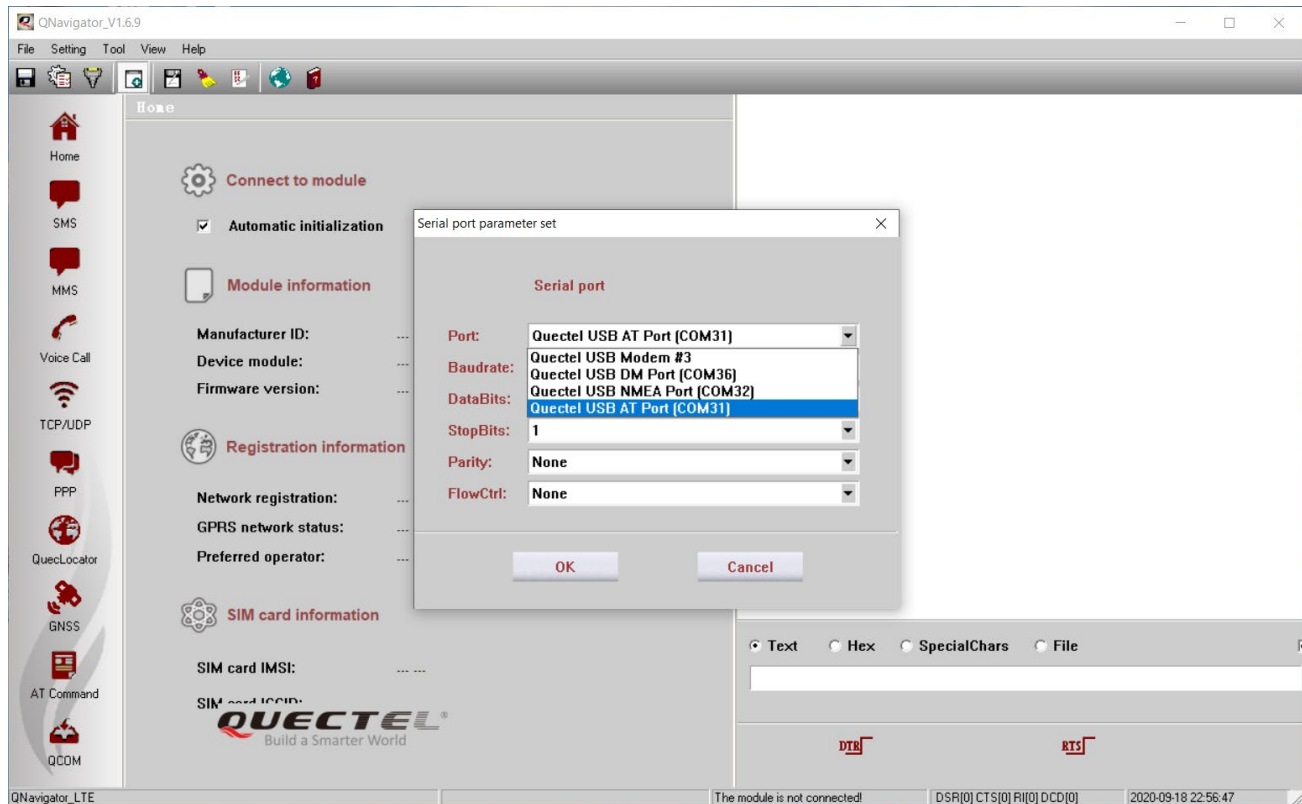
Click the button "Connect to module", then QNavigator will automatically execute the initial AT commands, if that is successful, you can test the function button in the left view.

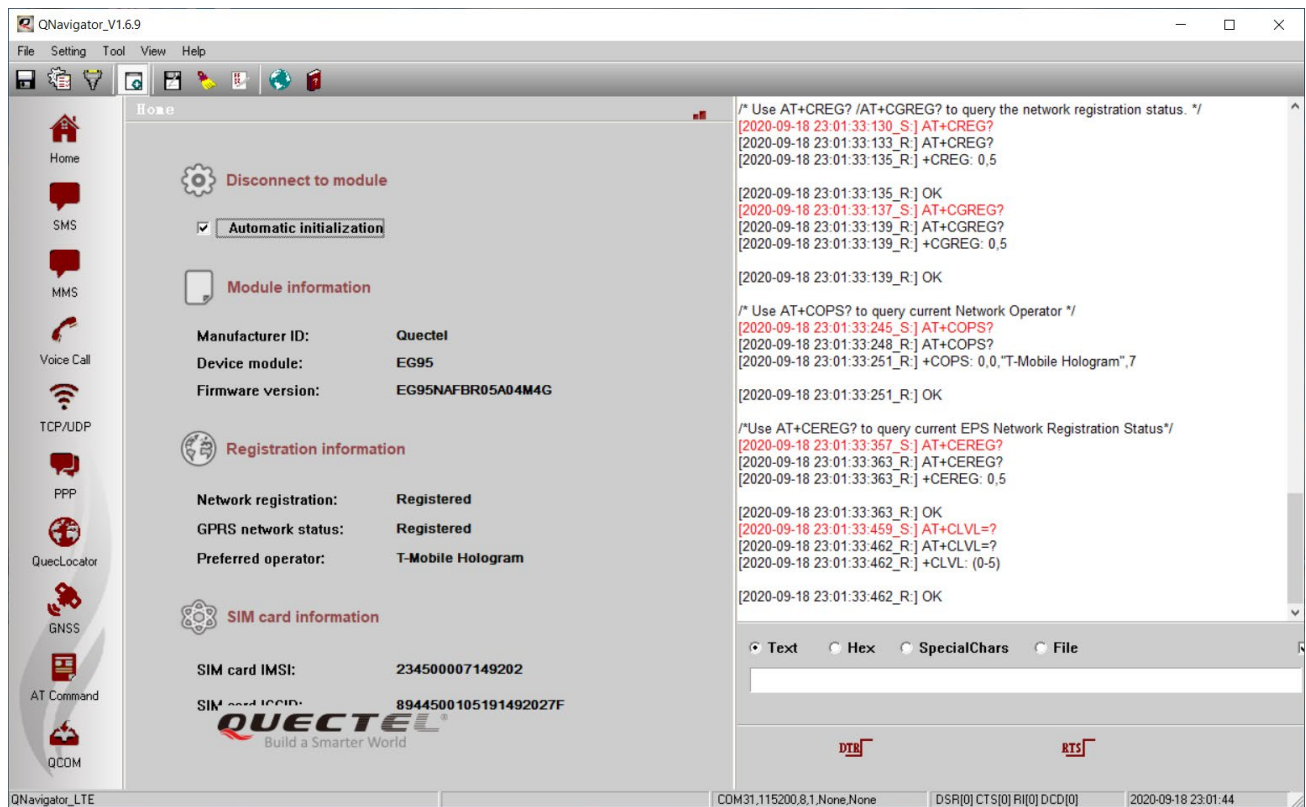
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Start

From the menu Setting, choose **Serial port parameter set**, and make sure you choose **Quectel USB AT Port**. Click OK and then click **Connect to module**. You will see that EG95 communicates with the mobile operator and because **Registered**. Once it shows up **Registered**, it means the modem is now connected to the mobile operator and you can send and receive data from/to the Internet.





5 Using AT Commands

You can use AT commands to configure, control, or change the setting of the modem. In the QNavigator, you can click **QCOM** on the left sidebar. In the screen shoot below, it shows issuing three AT commands.

AT

ATI: to retrieve information about the module

AT+CSQ: to query the signal strength and bit error rate on the wireless channel

You can use many other AT commands. Please refer to AT commands manual for detailed description of all AT commands available for EG95.

