

VT740 / LTE slot modem

Product page: <https://vutlan.com/modems/165-vt740-lte-slot-modem.html>

Datasheet page: <https://vutlan.atlassian.net/wiki/spaces/DEN/pages/2735931393/VT740+LTE+slot+modem>


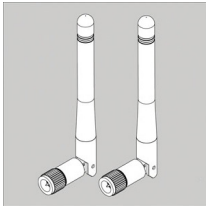


Usage

Can be installed in VT335i , VT825i, VT825ii, new VT825DC, VT825DCDC, VT825iDC, VT855i, VT855ii, VT855DC, VT855iDC, VT960i v3, VT960ii v3, monitoring systems.

Inventory

Make sure that the contents of the delivery meet the following configuration. Report a missing or damaged component to your supplier. If damage occurred during transportation, contact the appropriate delivery service.

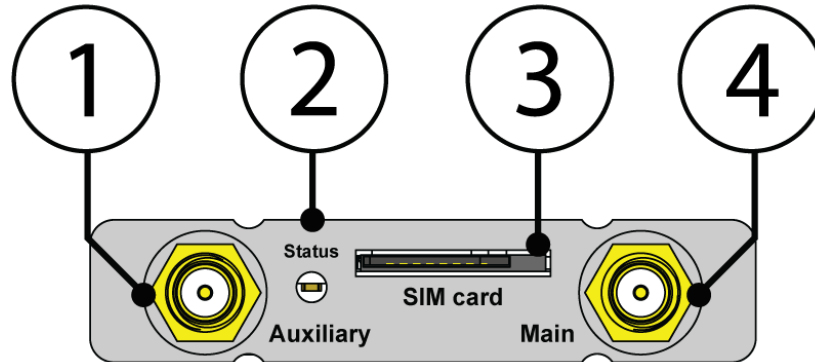
	Package content	Description	Quantity
1		LTE modem board 2pcs SMA antenna connectors 1 pc metal plate	
2		LTE antennas	2 pcs

Developer notes:

Description

4G LTE slot modem for Vutlan monitoring units. Allows to receive and send SMS messages. Provides Ethernet over 4G LTE. Power-cycling is an embedded function.

Panel



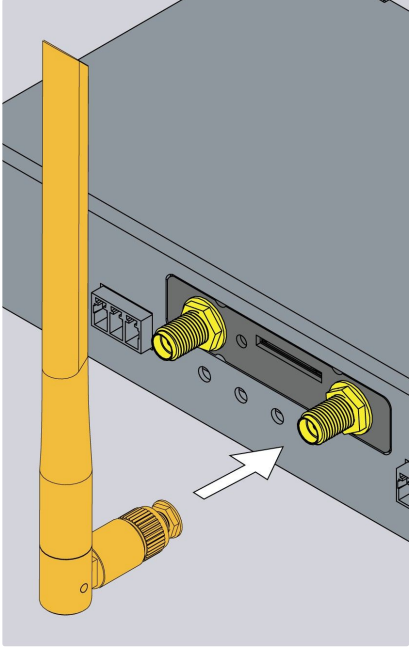
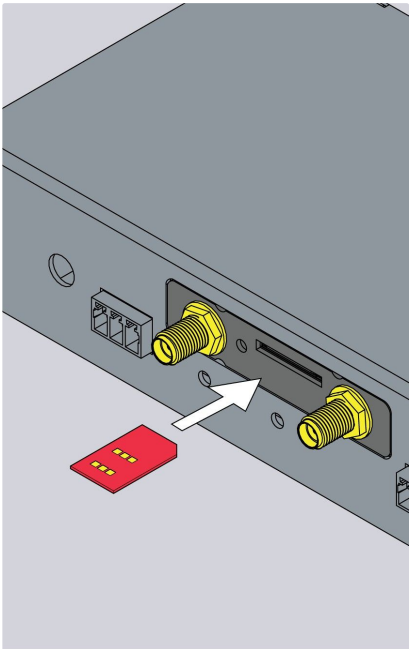
1. "**Auxiliary**" - Connector, used when the modem is installed inside of the appliance to connect LTE auxiliary antenna. The additional antenna helps to strengthen the signal level. (Auxiliary LTE antenna is supplied together with the modem).
2. "**Status**" - displays modems status. Blinking = working.
3. "**SIM card**" - SIM card slot with an injector.
4. "**Main antenna**" - Connector, used when the modem is installed inside of the appliance to connect LTE main antenna. (The main antenna is supplied together with the modem).

F VT740 has a miniature RF connector on the board for connecting GNSS antenna. GNSS antenna is not sold together with VT740.

Installation

You can install the modem while the system is turned On. You may wait up to 3 minutes until the Telecom operator information is renewed.

<p>Step 1</p>		<p>1.1 Use the wire cutter tool to cut off the metal panel labeled "LTE Modem slot".</p> <p>You can dispose of the metal panel after.</p>
<p>Step 2</p>		<p>Plug the VT740 slot modem as shown on the picture into the opening. The board should slide into the guide rails (marked as "1") and plug into the jack (marked as "2").</p>

Step 3		<p>3.1 Screw the main LTE antenna into “Main” antenna” jack.</p> <p>3.2 If you want to strengthen the signal, you can screw in the second auxiliary antenna into “Auxiliary” jack.</p>
Step 4		<p>Plug in the SIM card. The SIM card slot has an injector.</p>
Step 5		<p>You are ready to go! Turn on the system.</p> <p>You can install the modem while the system is turned On. You may wait up to 3 minutes until the Telecom operator information is renewed.</p>

Configuring the modem

Please read the following section for the configuration instructions:

Online documentation page link: [Setting up a modem](#)

The direct page link for users with paper documentation:

<https://vutlan.atlassian.net/wiki/spaces/DEN/pages/1016347/Setting+up+a+modem>

Modem errors:

Problem	Cause	Solution
Modem is not initializing. Power light status is not working.	<ol style="list-style-type: none">1. The cable has disconnected due to transportation.2. The unit is not updated to the latest driver version.3. An incorrect converter board is installed inside the unit by mistake.	<ol style="list-style-type: none">1. Power down the device. Open the unit's case. Check the cable is connected.2. Please, update the unit to the latest version.3. Check if you have a correct converter board installed inside the unit. 