RUT200 LEDs

{Template: leds_intro}} RUT200 router. The information applies for both Quectel and MeigLink modules used in Teltonika devices.

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Contents

Power LED

The **power LED** is located on the bottom left corner of the front panel, just under the power connector:

It can perform two different actions:

ACTION	DESCRIPTION
LED turned ON	Router is powered up
LED turned OFF	Router is not powered up

Ethernet port LEDs

The **Ethernet port LEDs** are located on the router's front panel, under each respective Ethernet port:

They represent activity happening on the router's Ethernet ports:

ACTION	DESCRIPTION
LED turned ON	Operating as a 10/100 Mbps connection
LED turned OFF	No link established
LED blinking	Connection established and there is activity on this port (data being transferred)
LEDs light up and turn OFF in sequence from WAN port to LAN1 port	The router is in the bootloader menu state*

* The **bootloader menu** is a special router state from which certain upgrades can be performed. For more information on the bootloader menu, click [here](#)

Connection status LEDs

The **connection status LEDs** are located on the left side of the front panel, between the power connector and the signal strength indication LEDs:

The LED displays the router's current connection state and network type among a few other things:

ACTION	DESCRIPTION
2G, 3G and 4G LEDs blinking every 1 second	No SIM or bad PIN
Blinking from 2G LED to 4G LED repeatedly	Attempting to connect to a mobile network operator
2G/3G/4G LED blinking every 1 sec	Connected to 2G/3G/4G, no data session established
2G/3G/4G LED turned on	Connected to 2G/3G/4G with data session
2G/3G/4G LED blinking rapidly	Connected to 2G/3G/4G with data session and data is being transferred

Signal strength LEDs

The **signal strength LEDs** are located in the center of the front panel, to the right of the connection status LEDs:

Each lit up LED represents a different value of the router's current signal strength in RSSI:

NO. OF LIT UP LEDs	SIGNAL STRENGTH VALUE
0	≤ -111 dBm
1	-110 dBm to -97 dBm
2	-96 dBm to -82 dBm
3	-81 dBm to -67 dBm
4	-66 dBm to -52 dBm
5	≥ -51 dBm

The signal strength LEDs can also be used as a **time indicator for holding the reset button**. When you press and hold the reset button, if there is a User's default configuration configured on the device, you have to hold it pressed for 6 seconds (by default) to initiate a **User's default configuration reset** and 12 seconds (by default) to initiate a **Factory reset**. Otherwise, it is only necessary to hold the reset button for 6 seconds to trigger a **Factory reset**. If the button was held down longer than 20 seconds (by default) no action will be taken.

While holding the reset button each lit up signal strength LED indicate that a period of two seconds has passed. When all 5 signal strength LEDs are lit up, they represent that 10 (LED number multiplied by 2) seconds have passed since you pressed down on the reset button.

After releasing the button at one of the reset periods, all 5 LEDs will start blinking every 1 second. This signifies that the router **has begun the reset**.

After the router gets powered up, all signal strength LEDs will turn ON and stay ON for about 40 seconds or until the router's modem registers on a network - after this, the LEDs will start displaying the router's current signal strength.