

TRB500 Device Recovery Options

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Summary

This chapter is an overview on various **recovery** options for a TRB500 device.

Default login information

Using recovery methods resets the device's configuration to its default state. Therefore, you will need to use the default authentication info in order to login to the device. The default login information for TRB500 is provided below:

- Default Address (LAN IP): **192.168.2.1**
- Default Username: **admin**
- Default Password: see password on bottom of the device

Factory reset

A **factory reset** returns the device back to its default factory settings, i.e., it deletes all custom configurations. Below you will find various methods of performing a factory reset on TRB500.

Additional note: SIM PIN on the main SIM card is the only user parameter that is kept after a factory reset.

Reset Button

The **reset button** is located on the front of the device:



The reset button has two functions:

- **Reboot the device.** If the reset button is pressed for up to 4 seconds, the device will reboot. Start of the reboot will be indicated by the flashing of all 3 signal strength LEDs together with the green connection status LED.
- **Factory reset.** If the reset button is pressed for at least 12 seconds (by default), the device will perform a factory reset and reboot. Signal strength LEDs indicate the elapsed time while holding the reset button. Start of the factory reset will be indicated by flashing of all 3 signal strength LEDs.

NOTE: the default button hold time value (min time 12 seconds, max time 20 seconds) can be changed in the gateway WebUI, from the **System** → **Administration** → [General](#) page.

WebUI

You can also perform a factory reset from the gateway's WebUI. To do so, login to the gateway and go to the Backup section found under the System tab (**System** → **Maintenance** → **Backup** → [Reset settings](#)). In the very bottom of the page there's a **Reset** button that performs a chosen type of reset.

Notice: A **Factory defaults** reset will remove all logs, SIM PIN's and RMS data that the device might have had.



SMS

You can perform a factory reset with the SMS Utilities **restore** rule. If the rule hasn't been disabled or changed in any way, all you need to do is send an SMS message to the gateway containing the text:

```
<gateway_password> restore
```

Replace *<gateway_password>* with your actual password. You can find more information on SMS Utilities rules [here](#).

Command line

You can perform a factory reset via command line by executing the **firstboot** command. After this you will be asked to confirm the reset. If you're sure, type the letter **y** and press "Enter" or type the letter **n** if you wish to cancel the reset.

If you agreed to perform a factory reset, next type in **reboot** and press "Enter". The gateway will be reset to it's factory settings and rebooted. The entire sequence of events should look like this:

```
root@Teltonika-TRB500:~# firstboot
```

```
This will erase all settings and remove any installed packages. Are you sure?  
[N/y]
```

y

```
/dev/mtdblock5 is mounted as /overlay, only erasing files  
root@Teltonika-TRB500:~# reboot
```

You can find more information on the command line interface (CLI) [here](#).

RMA

If conventional recovery methods do not help, you may need to send the device to warranty for repair. The warranty process is described [here](#).