

## INSTRUCTIONS FOR UPDATING THE TAU-32M.IP FIRMWARE TO THE LATEST VERSION



The latest versions have changed the firmware update principle and firmware file format, so be careful and follow the instructions when updating the firmware.

To update the device firmware to the latest version (2.23.X), follow the steps below.



The firmware file version **2.23.X** should be named **tau32m-2.23.X.X**.

If the current firmware version is **1.9.0** or earlier (including old versions that have a 4-digit version name), then you need to:

1. Have an access to a COM port, have backup firmware and configuration (in case of firmware update errors).
2. Download the firmware file version **1.11.4**:  
[https://api.prod.eltex-co.ru/storage/upload\\_center/files/19/firmware.tar.gz](https://api.prod.eltex-co.ru/storage/upload_center/files/19/firmware.tar.gz)
3. Download the firmware file version **2.23.X**.
4. Before updating, reboot the gateway to free up RAM.
5. In the device web configurator, select the "Service" menu, the "Firmware upgrade" tab. In the dialog box, specify the path to the file with **firmware version 1.11.4**. To do this, click the "Browse" button in the "Universal firmware upgrade" section and click the "Upgrade firmware" button. The firmware file should be named **firmware.tar.gz**.
6. Wait until the firmware change process is complete. After the process is complete, TAU-32M.IP should reboot.
7. After rebooting, open the web configurator and click the "Save" button of any configuration menu section, for example, on the "Network" tab.
8. After saving the configuration, update the firmware in a similar way using the firmware file **version 2.23.X**. The firmware file version 2.23.X should be named **tau32m-2.23.X.X**.



If it is impossible to update the firmware via the web interface or other methods, use the backup method for updating the firmware described in the Operation Manual in APPENDIX B.

If the current firmware version is from **2.1.0** to **2.1.4** inclusive, then it is necessary:

1. Download the firmware file of **2.1.4** version:  
[https://api.prod.eltex-co.ru/storage/upload\\_center/files/18/firmware.tar.gz](https://api.prod.eltex-co.ru/storage/upload_center/files/18/firmware.tar.gz)
2. Download the firmware file version **2.23.X**.
3. In the device web configurator, select the "Service" menu, the "Firmware upgrade" tab. In the dialog box, specify the path to the file with **firmware version 2.1.4**. To do this, click the "Browse" button in the "Universal firmware upgrade" section and click the "Upgrade firmware" button. The firmware file should be named **firmware.tar.gz**.
4. After rebooting the equipment, update the firmware in a similar way using the firmware file version

**2.23.X.** The firmware file version 2.23.X should be named **tau32m-2.23.X.X**.

**If the current version is 2.2.0 and up to 2.5.0, then it is necessary:**

1. Download the firmware file of **2.5.0** version:  
[https://api.prod.eltex-co.ru/storage/upload\\_center/files/21/firmware.img32m](https://api.prod.eltex-co.ru/storage/upload_center/files/21/firmware.img32m)
2. Download the firmware file version **2.23.X**.
3. In the device web configurator, select the "Service" menu, the "Firmware upgrade" tab. In the dialog box, specify the path to the file with **firmware version 2.5.0**. To do this, click the "Browse" button in the "Universal firmware upgrade" section and click the "Upgrade firmware" button. The firmware file should be named **firmware.img32m**.
4. After rebooting the equipment, update the firmware in a similar way using the firmware file version **2.23.X**. The firmware file version 2.23.X should be named **tau32m-2.23.X.X**.

**If the current firmware version is 2.5.0 or later, then it is necessary:**

1. Download the firmware file of **2.23.X** version.
2. Before updating the firmware, reboot the gateway to free up RAM.
3. In the device web configurator, select the "Service" menu, the "Firmware upgrade" tab. In the dialog box, specify the path to the file with **firmware version 2.23.X**. To do this, click the "Browse" button in the "Universal firmware upgrade" section and click the "Upgrade firmware" button. The firmware file should be named **tau32m-2.23.X.X**.



**If it is impossible to update the firmware via the web interface or other methods, use the backup method for updating the firmware described in the Operation Manual in APPENDIX B. The necessary files are in the reserve\_soft.zip.**