Technical note | Updating WXT530 software through service port
WXT530

Updating WXT530 firmware through service port

> ℹ Perform the firmware update through the service port. RS-232, RS-485, RS-422, and SDI-12 are not supported. Perform the update locally, remote connection is not supported.

> ⚒
> - USB drive with WXT530 Software Loader package (SW211285)
> - Laptop computer (Microsoft® Windows® 7 32-bit and 64-bit or Windows® 10 64-bit)
> - WXT530 service cable and Vaisala Configuration Tool software (220614)

Updating through service port

▶ 1. Connect the USB drive with the WXT530 USB cable drivers to your computer USB port.
2. To install the cable drivers on the computer, run `setup.exe`.
3. Connect the WXT530 USB cable to the computer USB port.
4. To find the COM number assigned to the USB cable adapter, open **Vaisala USB Device Finder** on your computer.
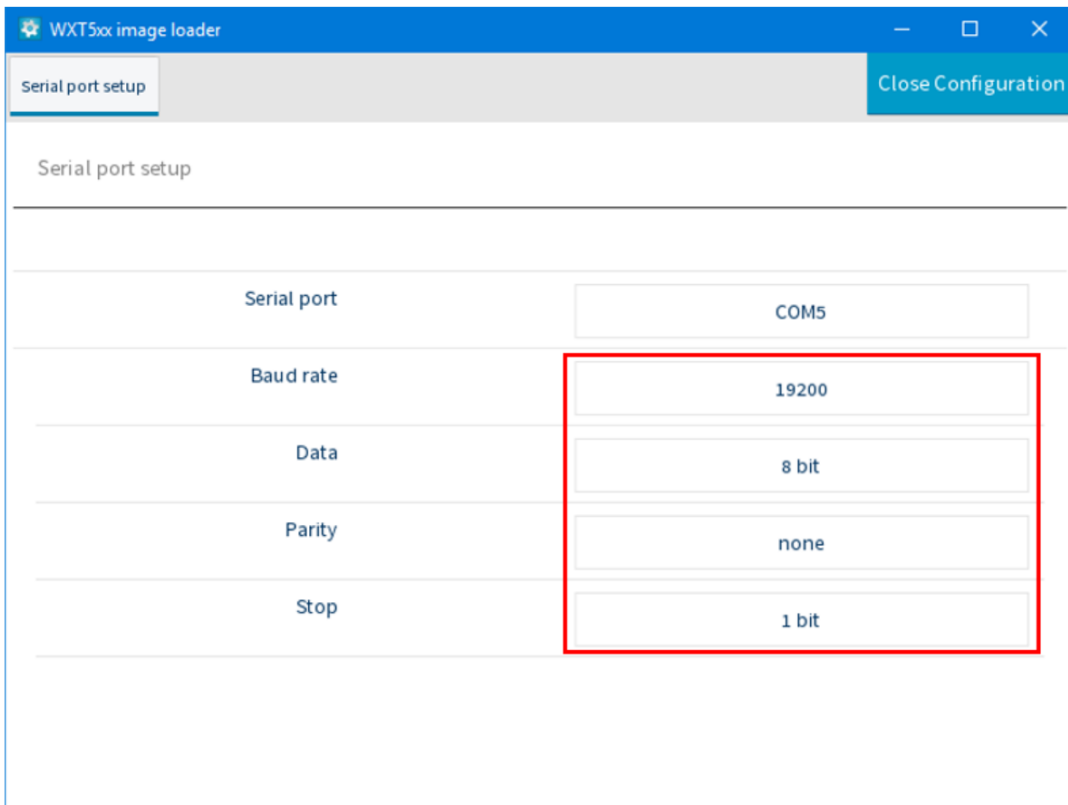
> ✎ Write down the COM port number.

5. To install Vaisala Configuration Tool on your computer, run `WXTConf-Setup.exe` from the USB drive.
6. Start Vaisala Configuration Tool.
7. To establish a connection to WXT530, select **File > Connection Setup**.
8. To save WXT530 configuration settings, select **File > Profile Manager > Read from Device > Save as**.
9. Close Vaisala Configuration Tool.
10. Unzip the WXT530 firmware package to your computer hard drive.
    Depending on your Windows system, select either 32-bit or 64-bit `WXTLoader.exe`.
11. Select **Configuration > Serial port** and type the serial port number you wrote down.
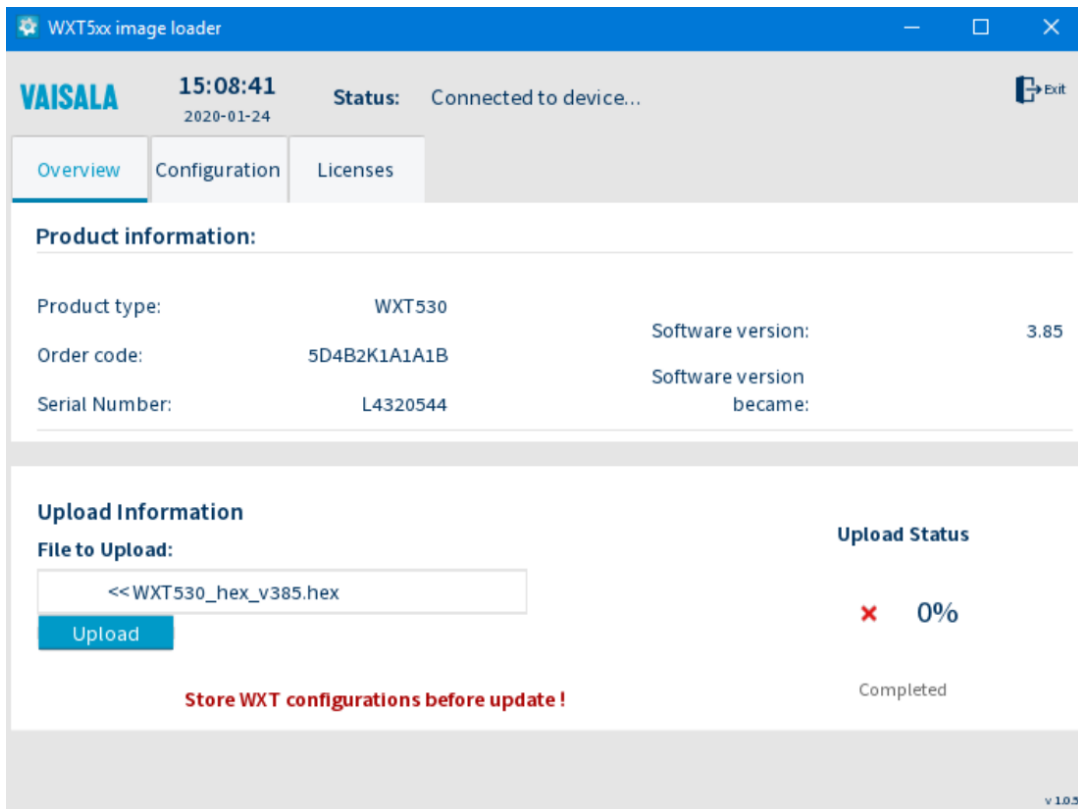
VAISALA

12. Select the following **Serial port setup** settings:

13. Select **Upload information > File to upload**, select the firmware file (*hex*) from your computer, and select **Close**.
14. Connect the WXT530 service cable to the WXT530 service port.

15.   When **Status** is **Connected to device**, select **Upload**.

When **Upload Status** is 100 %, the firmware update is completed.

16.   To close the program, select **Exit**.
17.   Launch Vaisala Configuration Tool.
18.   Establish connection to WXT530.
19.   To restore WXT530 configuration settings, select **File > Profile Manager > Write to Device**.

> After updating the firmware, WXT530 is in CLI mode.
> To operate WXT530 in Modbus mode, see *Modbus RTU Protocol Available for WXT530* release note.