

Your Global Automation Partner



TBEN-L...-4RFID-8DXP

Firmware Update

Technical Support Document

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1 About These Instructions

These instructions describe the firmware update to version 1.3.1.0 for the TBEN-L...-4RFID-8DXP RFID interfaces using the 4RFID Updater. Read the instructions carefully prior to carrying out the firmware update. This will prevent the risk of personal injury and damage to property. Keep these instructions safe during the service life of the product. If the product is passed on, pass on these instructions as well.

1.1 Target groups

These instructions are aimed at qualified personal and must be carefully read by anyone mounting, commissioning, operating, maintaining, dismantling or disposing of the device.

1.2 Explanation of symbols used

The following symbols are used in these instructions:



DANGER

DANGER indicates a dangerous situation with high risk of death or severe injury if not avoided.



WARNING

WARNING indicates a dangerous situation with medium risk of death or severe injury if not avoided.



CAUTION

CAUTION indicates a dangerous situation of medium risk which may result in minor or moderate injury if not avoided.



NOTICE

NOTICE indicates a situation which may lead to property damage if not avoided.



NOTE

NOTE indicates tips, recommendations and useful information on specific actions and facts. The notes simplify your work and help you to avoid additional work.



CALL TO ACTION

This symbol denotes actions that the user must carry out.



RESULTS OF ACTION

This symbol denotes relevant results of actions.

1.3 Other documents

Besides this document the following material can be found on the Internet at www.turck.com:

- Data sheet
- Operating instructions
- EU Declaration of Conformity
- Approvals

1.4 Feedback about these instructions

We make every effort to ensure that these instructions are as informative and as clear as possible. If you have any suggestions for improving the design or if some information is missing in the document, please send your suggestions to techdoc@turck.com.

1.5 Manufacturer and service

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Turck supports you with your projects, from initial analysis to the commissioning of your application. The Turck product database contains software tools for programming, configuration or commissioning, data sheets and CAD files in numerous export formats. You can access the product database at the following address: www.turck.de/products

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2 Carrying out a Firmware Update

The firmware of the device can be updated with the 4RFID Updater. The firmware and the 4RFID Updater can be downloaded free of charge from www.turck.com.



NOTICE

Interruption of the power supply during the firmware update

Risk of device damage due to faulty firmware update

- ▶ Do not interrupt the power supply during the firmware update.
- ▶ During the firmware update do not reset the power supply.

- ▶ Connect the device to the PC.
- ▶ Download the firmware.
- ▶ Unpack the zip file.
- ▶ Enter `cmd` in the Windows search bar and open the Command Prompt.

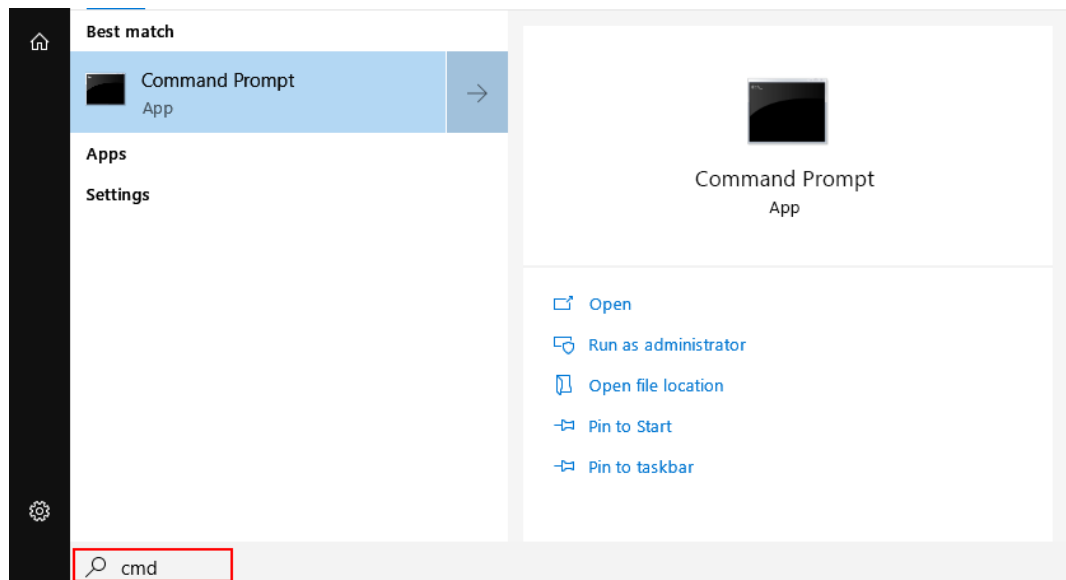
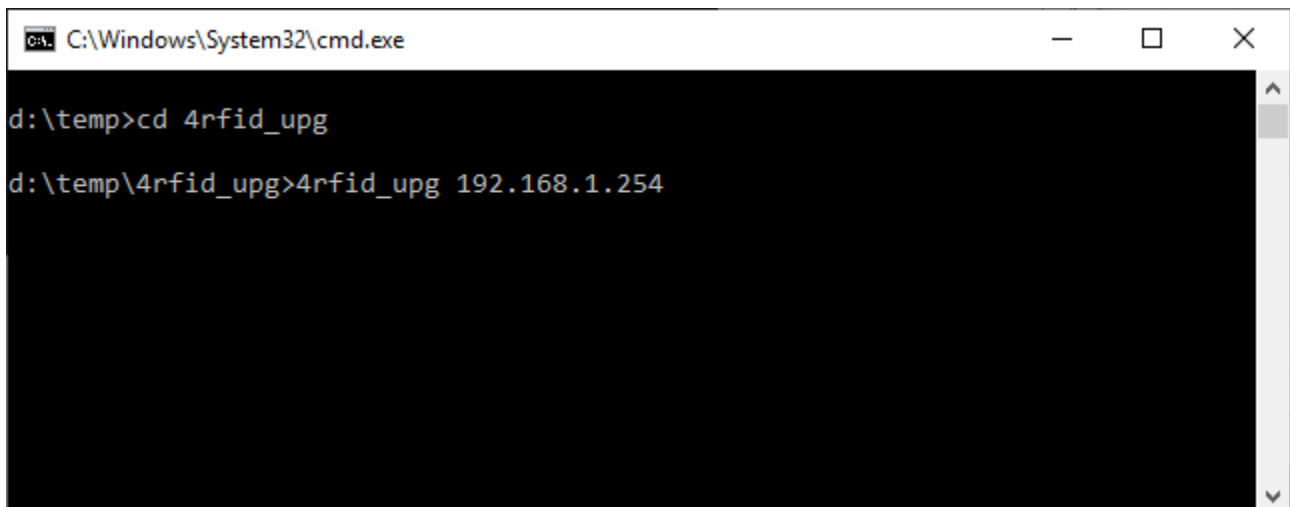


Fig. 1: Opening the Windows Command Prompt

- ▶ Use the Windows command `cd...` to move to the directory containing the unpacked file.
- ▶ Enter the command `4rfid_upg` and the IP address of the connected module. The IP address can be checked in the Turck Service Tool or in the web server.
- ▶ Confirm with Enter.



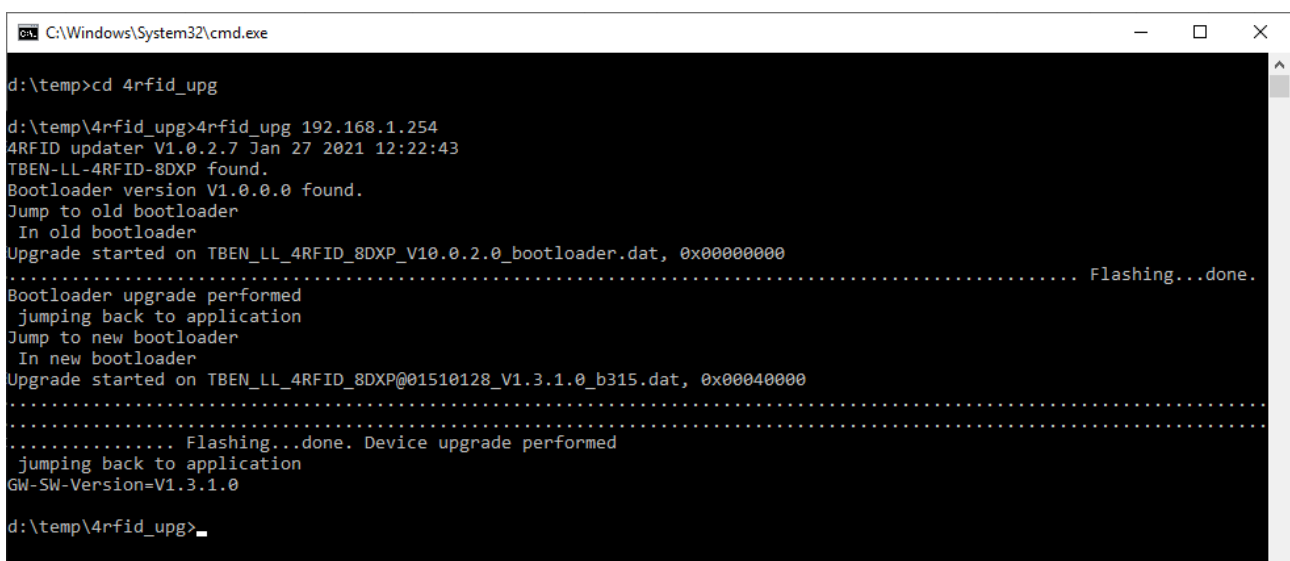
```
C:\Windows\System32\cmd.exe

d:\temp>cd 4rfid_upg

d:\temp\4rfid_upg>4rfid_upg 192.168.1.254
```

Fig. 2: Entering the command `4rfid_upg` and IP address

⇒ The update of the firmware is carried out.



```
C:\Windows\System32\cmd.exe

d:\temp>cd 4rfid_upg

d:\temp\4rfid_upg>4rfid_upg 192.168.1.254
4RFID updater V1.0.2.7 Jan 27 2021 12:22:43
TBEN-LL-4RFID-8DXP found.
Bootloader version V1.0.0.0 found.
Jump to old bootloader
In old bootloader
Upgrade started on TBEN_LL_4RFID_8DXP_V10.0.2.0_bootloader.dat, 0x00000000
..... Flashing...done.
Bootloader upgrade performed
jumping back to application
Jump to new bootloader
In new bootloader
Upgrade started on TBEN_LL_4RFID_8DXP@01510128_V1.3.1.0_b315.dat, 0x00040000
..... Flashing...done. Device upgrade performed
jumping back to application
GW-SW-Version=V1.3.1.0

d:\temp\4rfid_upg>
```

Fig. 3: Firmware update completed

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