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Application note – FT.ED-USB3PCIV4 firmware upgrade instruction

Introduction

Old TEL revisions firmware causes an issue for working with this TEL under Windows based OS. The instruction below allows fixing this issue

1. Prepare bootable Live CD media (you can use Mint 21.1 Vera installer)
2. Download the https://fit-iot.s3.amazonaws.com/download/tensor-pc-i22/fw/Tensor-i22-TEL-USB3PCIV4.zip zip file, open the archive and copy the vl805 folder to the prepared bootable media
3. Connect the FT.ED-USB3PCIV4 TEL card to Tensor-I22
4. Boot to prepared Live CD media and open the shell window
5. Give priority to vl805 directory: **sudo chmod +x /vl805**
6. Go to your unzip directory: **cd /vl805**
7. Read the version of the FW: **./vl805 -v**
8. If the version is **00013934,** the firmware is okay. If it is not this version, continue:
9. Give priority to FW in script: use this: **./vl805 -l 6 FW013934_Formal.bin**
10. Flash new FW: **./vl805 -w ./FW013934_Formal.bin**
11. Reboot your device and boot to live cd media again (repeat steps 1-7)

Further information

https://fit-iot.com/web/
www.fit-pc.com/wiki

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