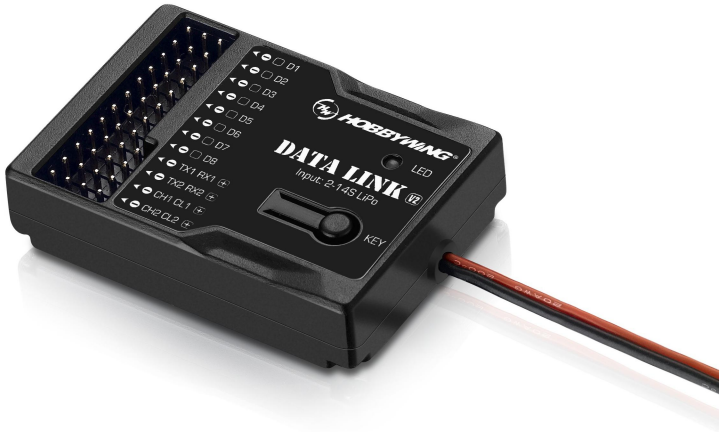
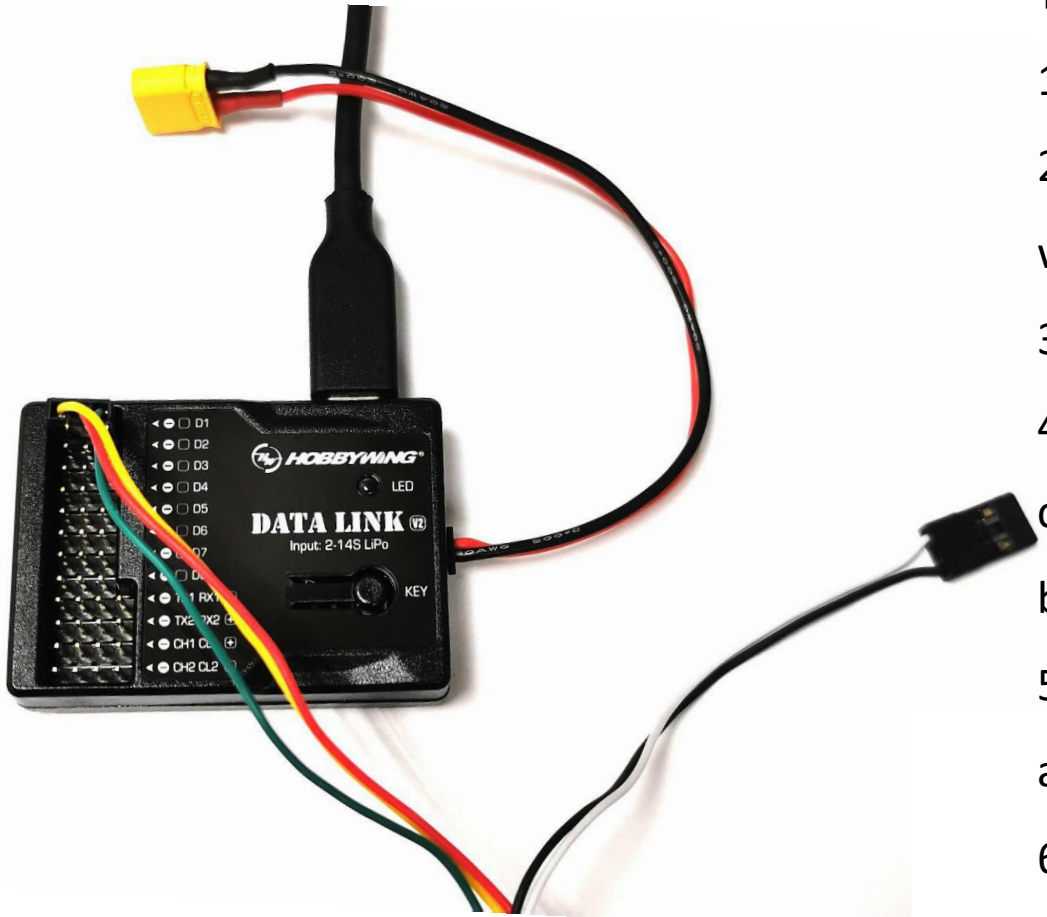
Datalink Firmware Upgrade Guide （UART）

所用工具:



Datalink

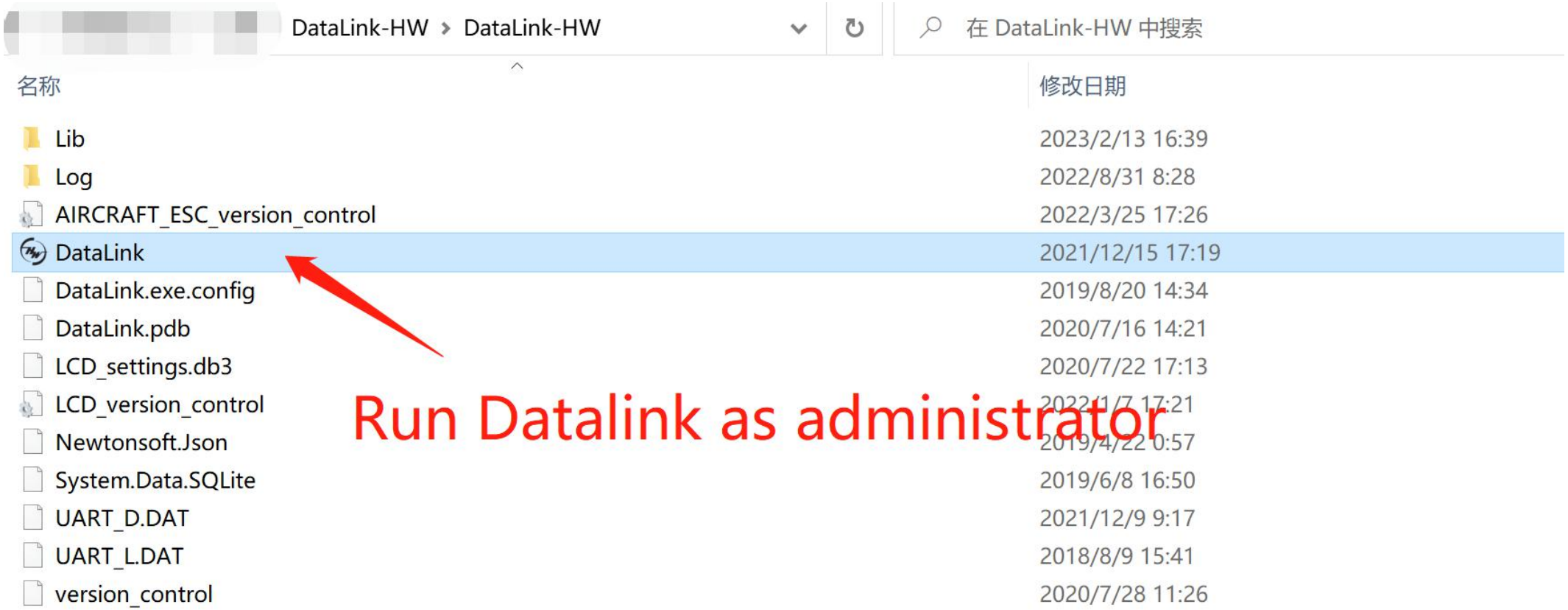
Type-C cable

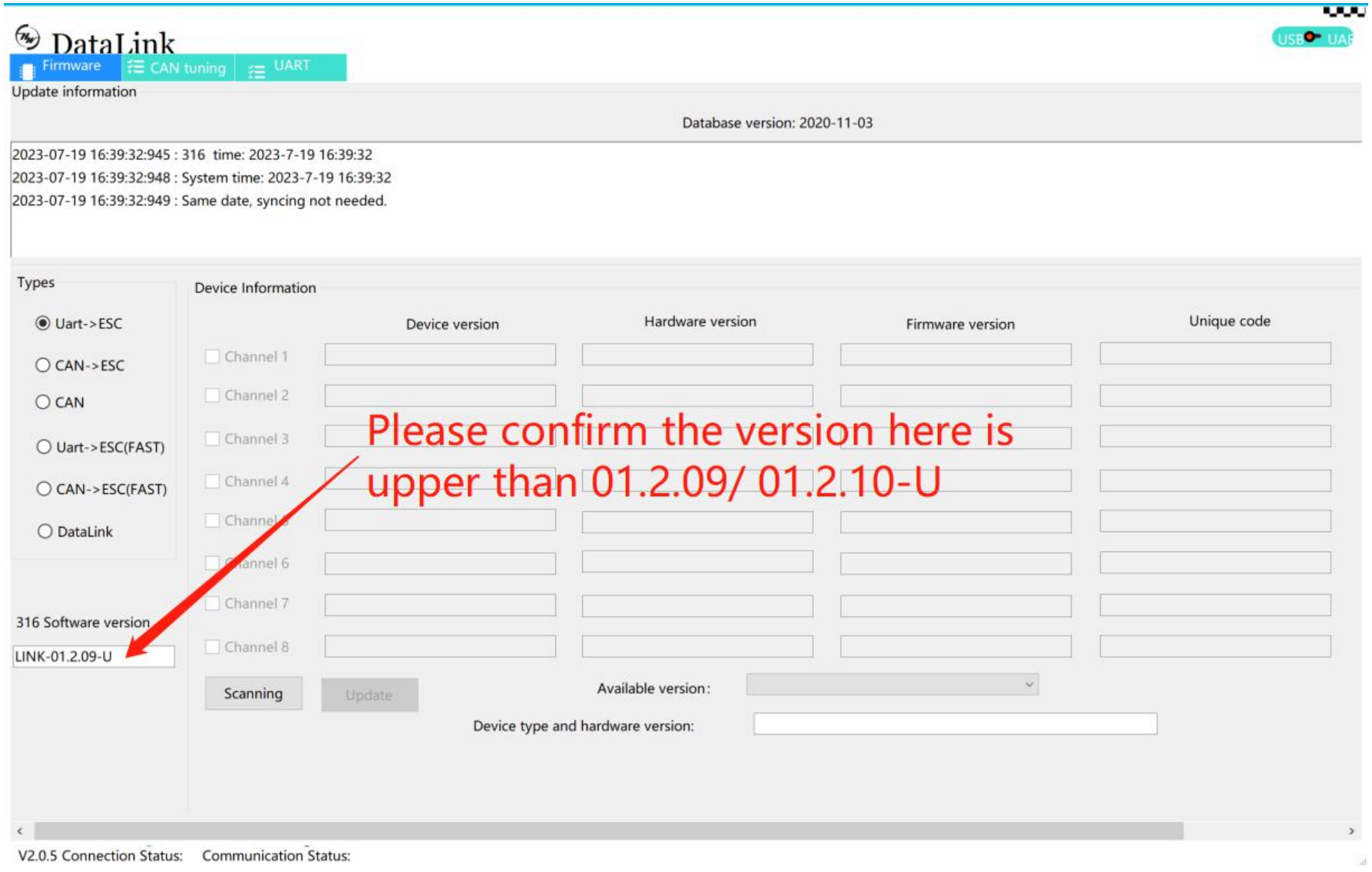


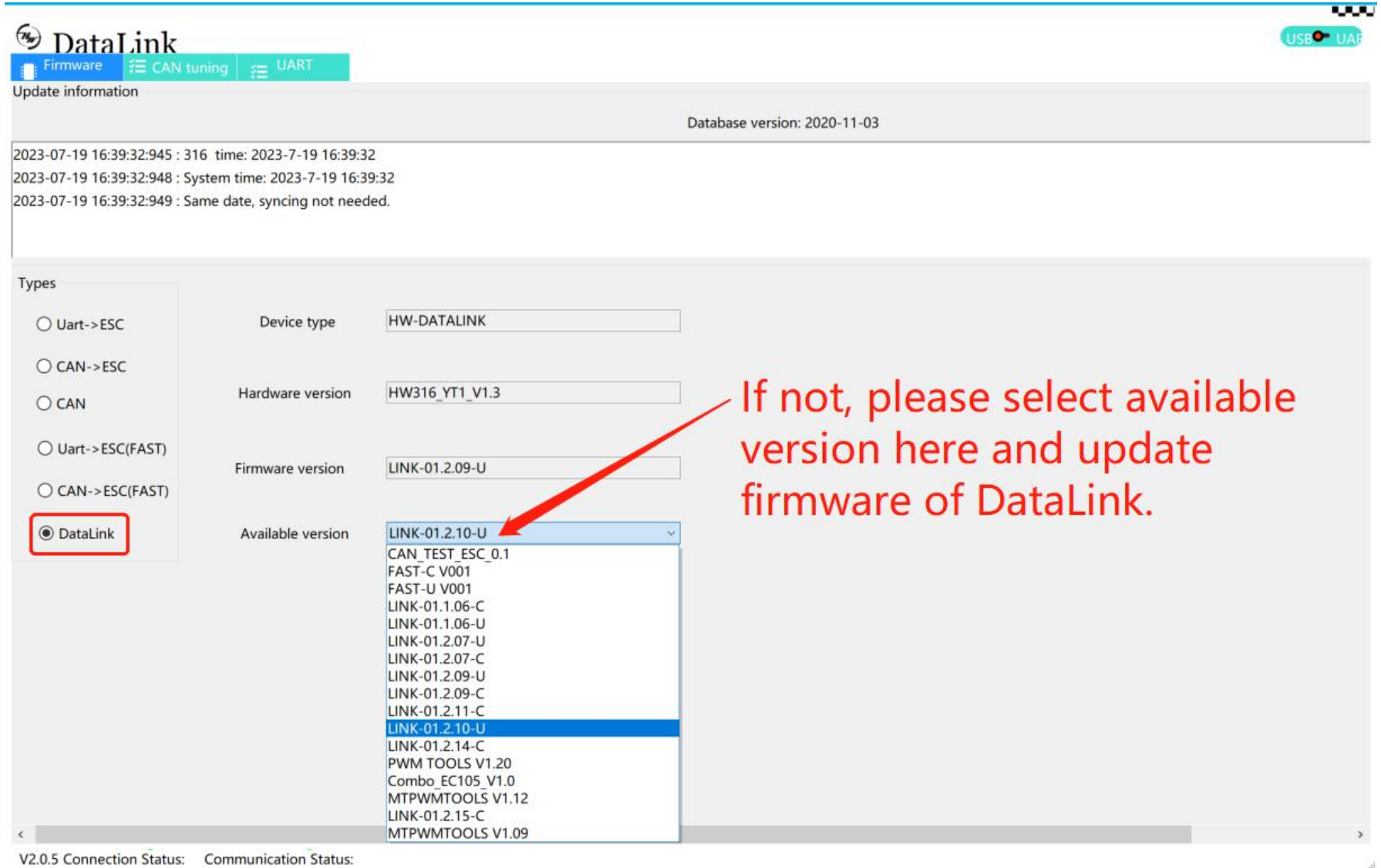
TIPS:

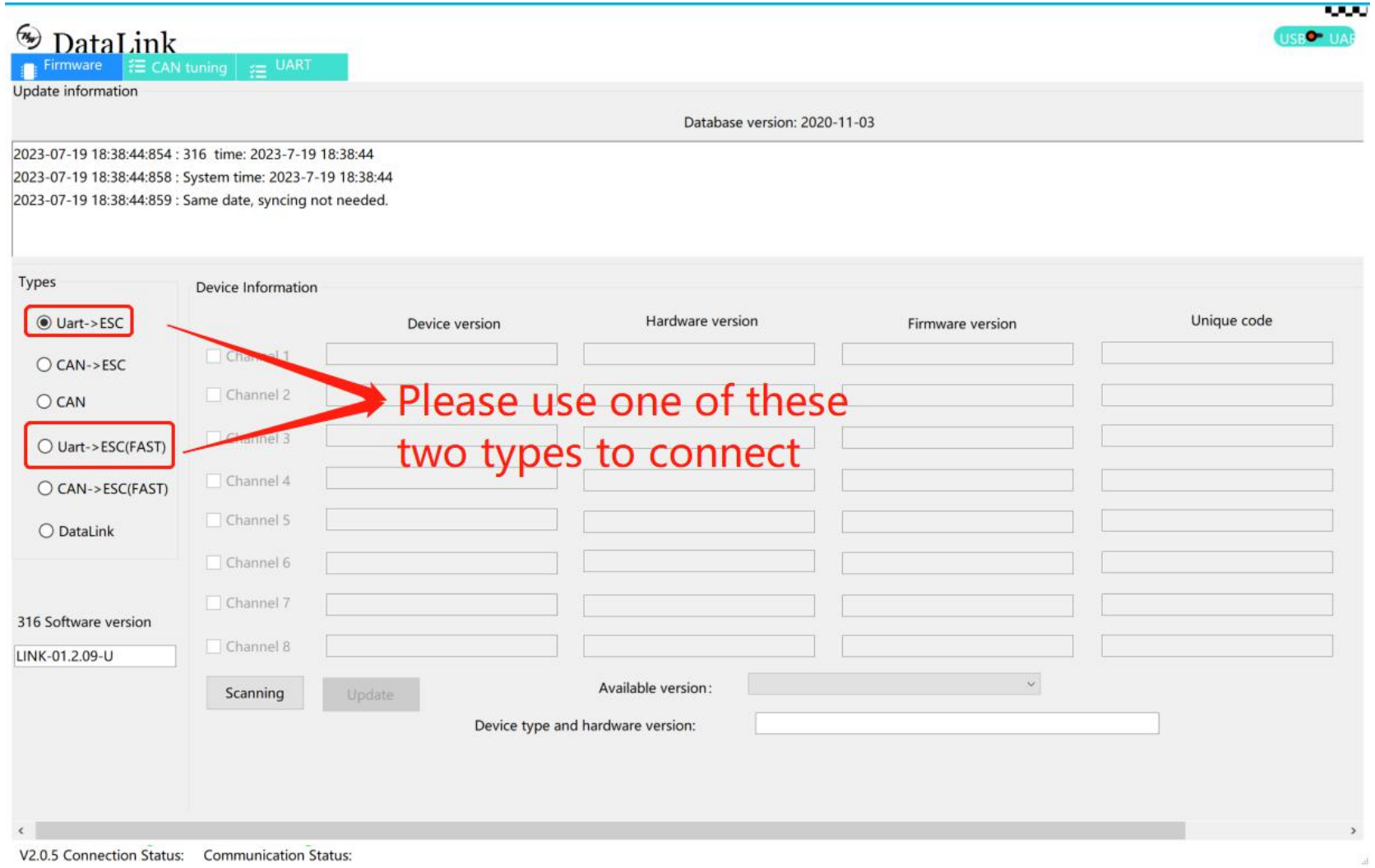
1. Please power Datalink by USB port only.
2. The ESC requires power supply in the upgrade process. The details will show below.
3. For signle ESC upgrading, please prioritize the use of D1 port.
4. For upgrading more than one ESC, you can use D1-D8 port. They can be identified at the same time, but the upgrading still goes one by one.
5. Whether the black and white cable is plugged in or not will not affect the upgrade.
6. Please check the definition about the cable used for upgrading on the ESC's user manual.
7. If the LED light flashes red. Please try to upgrade the firmware of Datalink, or contact our after-sales service.

上位机软件：


DataLink-HW › DataLink-HW
在 DataLink-HW 中搜索
名称
修改日期
Lib
2023/2/13 16:39
Log
2022/8/31 8:28
AIRCRAFT_ESC_version_control
2022/3/25 17:26
DataLink
2021/12/15 17:19
DataLink.exe.config
2019/8/20 14:34
DataLink.pdb
2020/7/16 14:21
LCD_settings.db3
2020/7/22 17:13
LCD_version_control
Newtonsoft.Json
System.Data.SQLite
2019/6/8 16:50
UART_D.DAT
2021/12/9 9:17
UART_L.DAT
2018/8/9 15:41
version_control
2020/7/28 11:26
Run Datalink as administrator

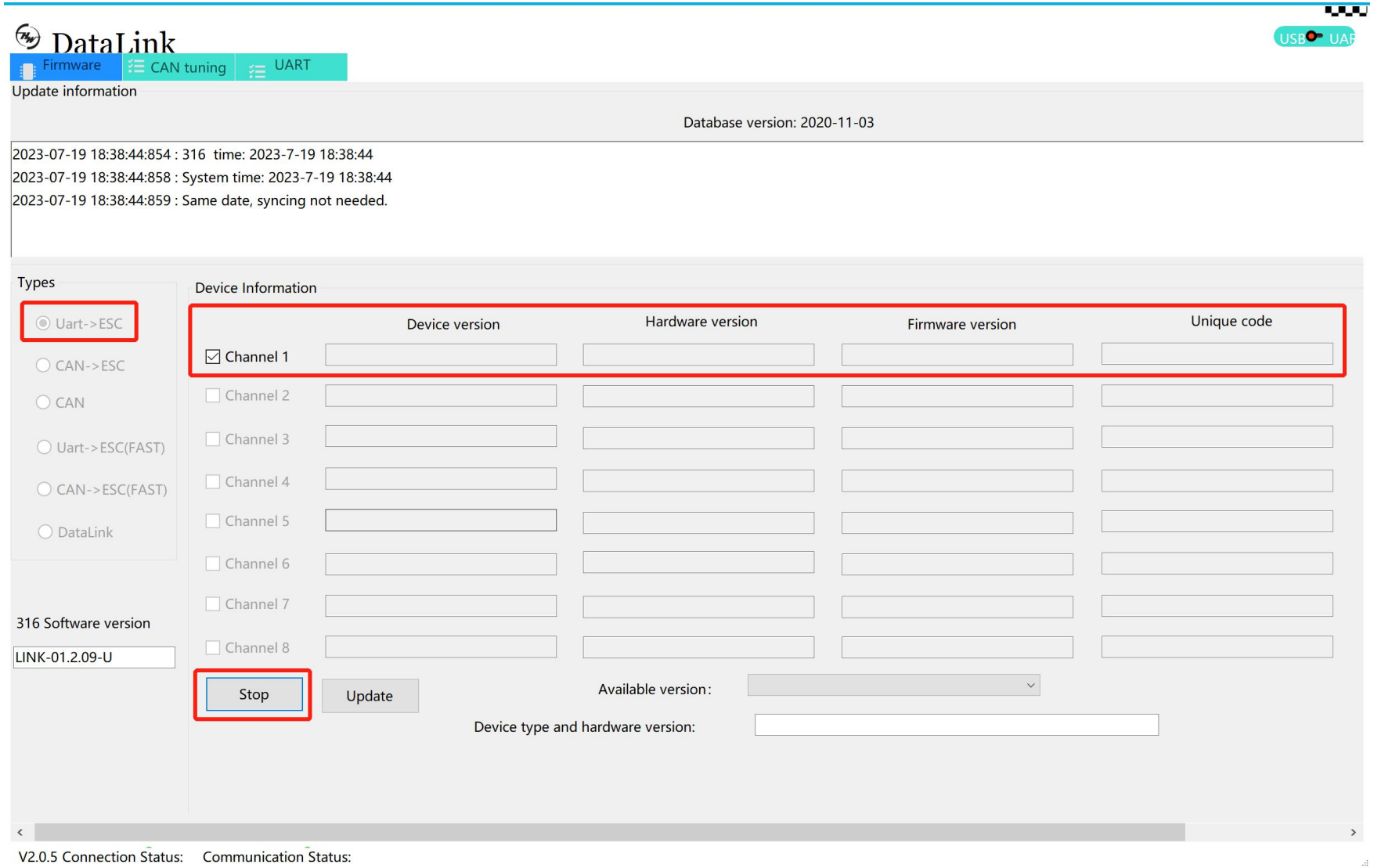

DataLink
Firmware
CAN tuning
UART
Update information
Database version: 2020-11-03
2023-07-19 16:39:32:945 : 316 time: 2023-7-19 16:39:32
2023-07-19 16:39:32:948 : System time: 2023-7-19 16:39:32
2023-07-19 16:39:32:949 : Same date, syncing not needed.
Types
Uart->ESC
CAN->ESC
CAN
Uart->ESC(FAST)
CAN->ESC(FAST)
DataLink
316 Software version
LINK-01.2.09-U
Device Information
Device version
Hardware version
Firmware version
Unique code
Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6
Channel 7
Channel 8
Please confirm the version here is upper than 01.2.09/ 01.2.10-U
Scanning
Update
Available version:
Device type and hardware version:
V2.0.5 Connection Status:
Communication Status:


DataLink
Firmware
CAN tuning
UART
Update information
Database version: 2020-11-03
2023-07-19 16:39:32:945 : 316 time: 2023-7-19 16:39:32
2023-07-19 16:39:32:948 : System time: 2023-7-19 16:39:32
2023-07-19 16:39:32:949 : Same date, syncing not needed.
Types
Uart->ESC
CAN->ESC
CAN
Uart->ESC(FAST)
CAN->ESC(FAST)
DataLink
Device type
HW-DATALINK
Hardware version
HW316_YT1_V1.3
Firmware version
LINK-01.2.09-U
Available version
LINK-01.2.10-U
CAN_TEST_ESC_0.1
FAST-C V001
FAST-U V001
LINK-01.1.06-C
LINK-01.1.06-U
LINK-01.2.07-U
LINK-01.2.07-C
LINK-01.2.09-U
LINK-01.2.09-C
LINK-01.2.11-C
LINK-01.2.10-U
LINK-01.2.14-C
PWM TOOLS V1.20
Combo_EC105_V1.0
MTPWMTOOLS V1.12
LINK-01.2.15-C
MTPWMTOOLS V1.09
If not, please select available version here and update firmware of DataLink.
V2.0.5 Connection Status:
Communication Status:



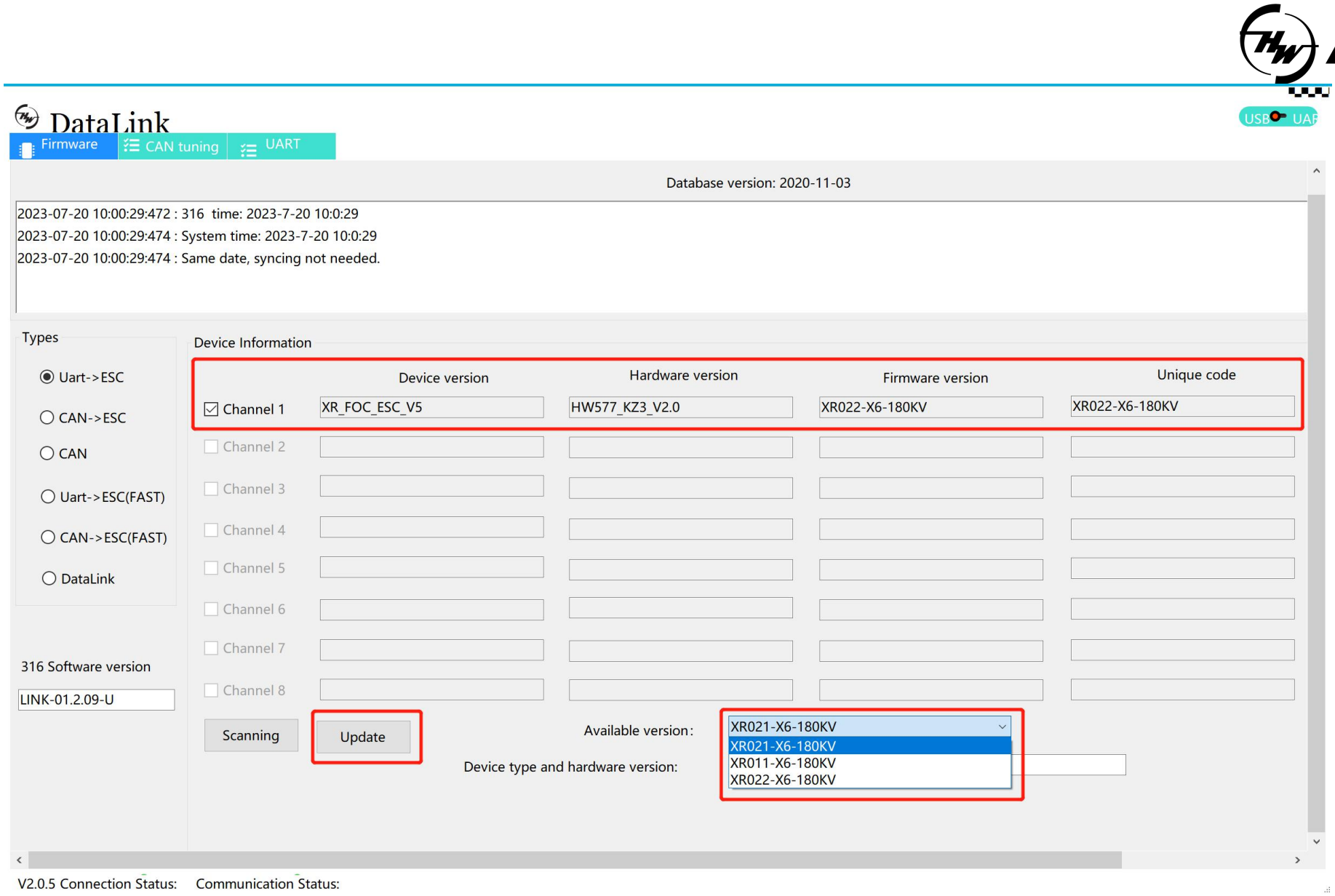
TIPS:

We have a new type and a history type depending on the production date. Please choose one of these two types for scanning.



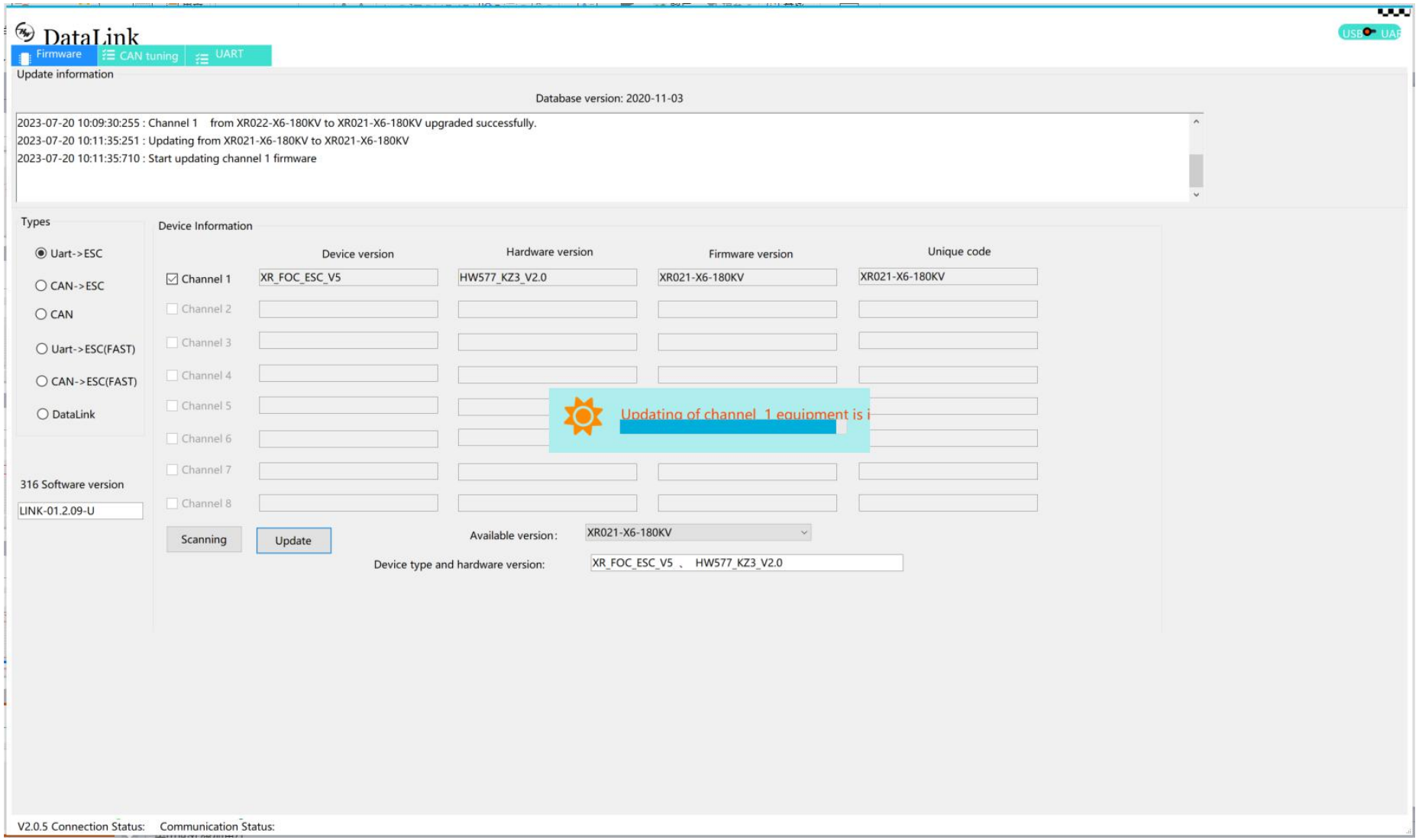
TIPS:

Here's the example of history type. Select '' Uart-> ESC'', after scanning, the ESC information will be displayed on the screen. After power on the ESC about 3 seconds, click ''Stop''.



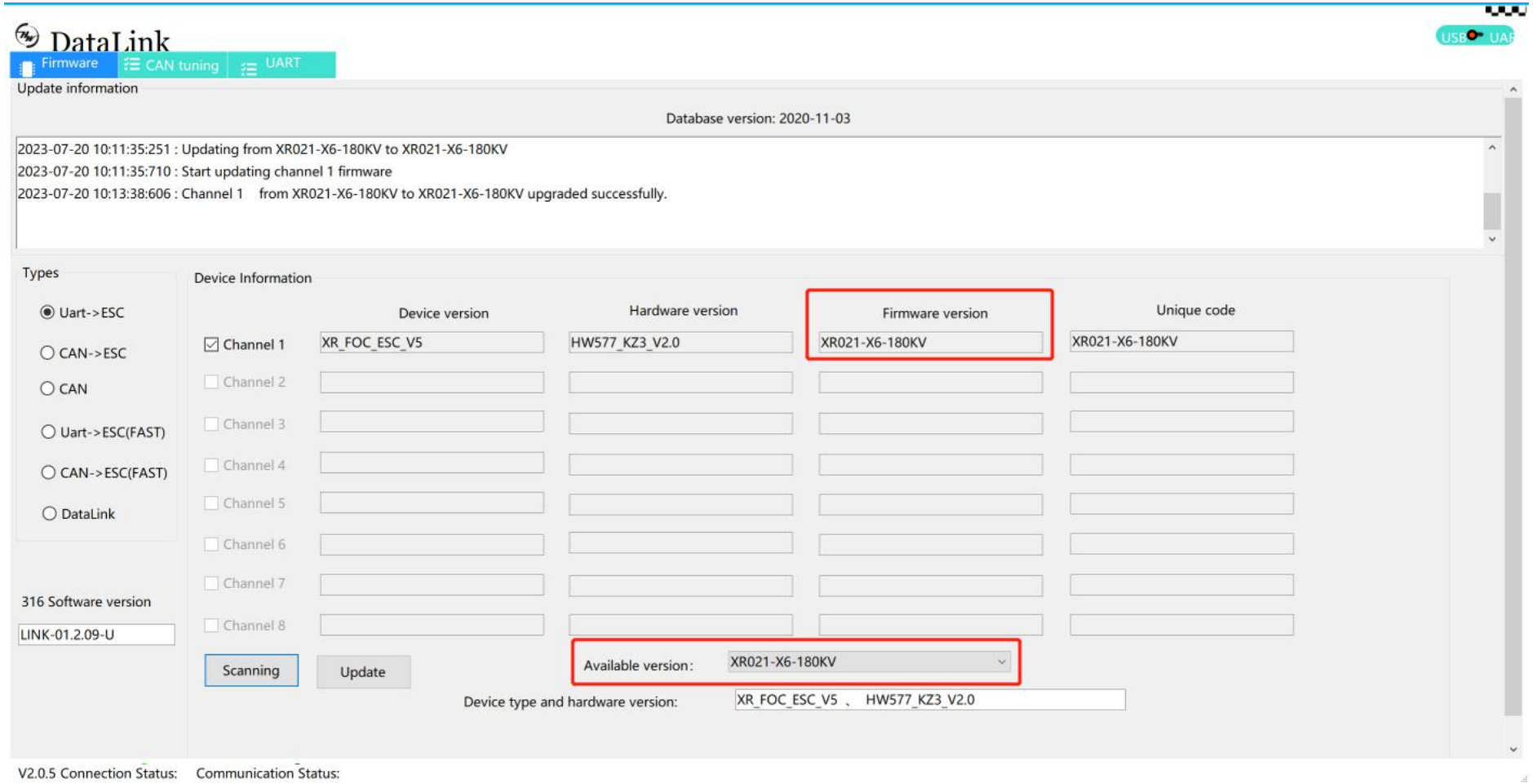
TIPS:

Click out the drop-down list at ''Available version'', select the firmware version that you want and click ''Update''.



TIPS：

Waiting for the upgrade complete.



Tips：

After the upgrade is completed, repeat the steps as page 8 to check whether the upgrade is successful or not. If upgrade failed by powering off by accident during upgrading or other cases, please try all upgrade steps again.