D8 upgrade guide

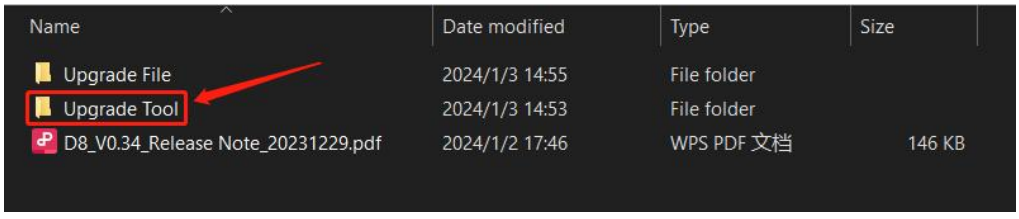
CSD No:					
Product / Project:	D8 upgrade guide				
Version	Date	ECO#	Description	Reporter	Responsible
	2024.03.26	000#	Release	颜韦玲	
Document purpose: guide D8 upgrade					

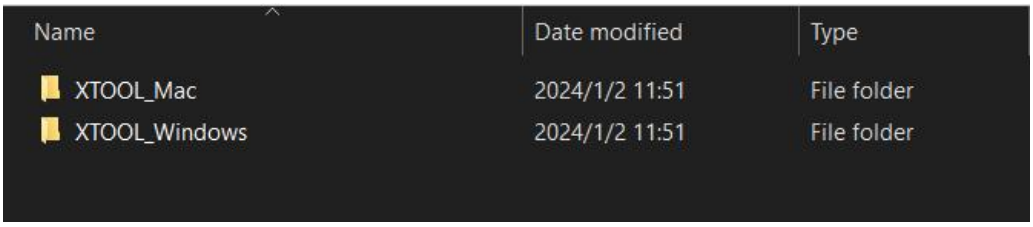
1. Upgrade operation guide

(1)Prepare tools

Prepare in advance:

A. XTOOL upgrade software





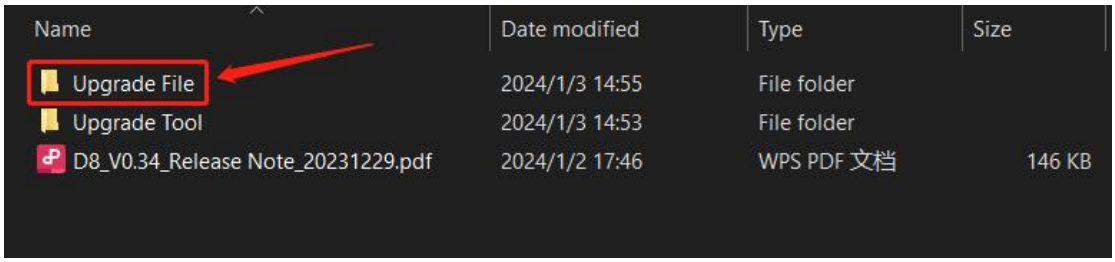
B. Upgrade serial port cable

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One DB9 to USB cable + one DB9 to RJ11 cable

(2)Upgrade program file



(3)Program file description

program files	Program Description	Upgrade tools/methods
D8_KeyBoard_V1.39_20240222.bin	D8 front panel MCU program, you need to flash the front panel bootloader before using it, and then upgrade to V1.39(V1.39 or above can determine the D8 hardware version, as explained later)	Use XTOOL, RS232 serial port upgrade
D8_HDMI_Package_V1.0	D8 main program, upgraded	Use XTOOL, RS232

0_20240326.bin	using XTOOL, suitable for installed equipment	serial port upgrade; the upgrade time is longer, about 30 minutes

(4)Upgrade using XTOOL

A. Connection line

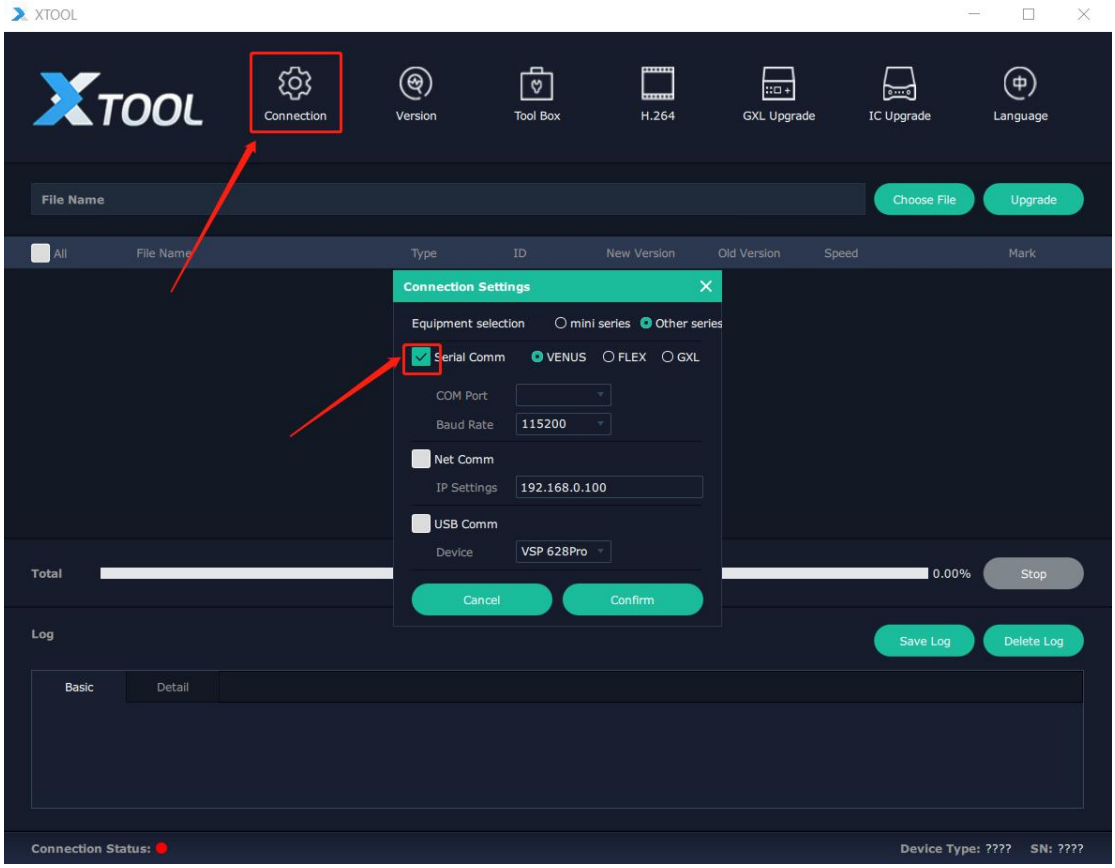
Use a serial port cable (DB9 to USB cable + DB9 to RJ11 cable) to connect the PC and D8.

B. Get the serial port number

On the desktop of the computer, right-click "Computer (My Computer)" - Icon - Properties - Device Manager, check the COM port number at USB Serial Port (COM3) under the port. as shown in the figure below:

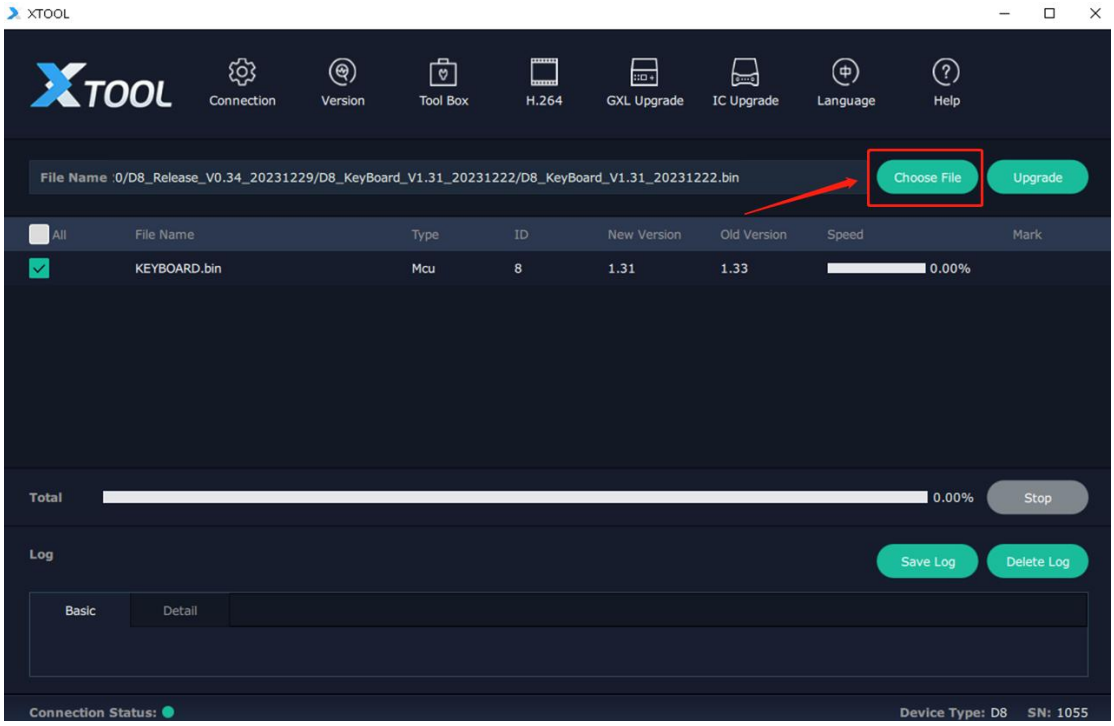
C. Communication equipment

Open the upgrade tool software XTOOL on the PC, enter the XTOOL main interface, and select "Communication Settings", select "Serial Communication" in the communication settings dialog box, select the corresponding COM port, and set the baud rate to 115200, and finally click "OK". As shown in the figure below:



D. Upgrade procedure

After setting the communication method, the connection status lights up green, select the corresponding software program, first upgrade the front panel MCU program V1.39,Select the file: D8_KeyBoard_V1.39_20240222.bin. After the upgrade is complete, restart the device.



Upgrade the front panel program to at least version V1.39, and then differentiate between D8 and D8 PLUS. The method is as follows:

Turn on the device, enter the menu. Turn the device on, enter the menu -> Version Information -> If the hardware version shows V1.00, the device is D8; if the hardware version shows V1.01, the device is D8 PLUS.

Then according to the hardware version, upgrade the corresponding motherboard program:

Hardware version V1.00, motherboard program V1.00, front panel program V1.41

Hardware version V1.01, motherboard program V2.00, front panel program V1.39

For example, if you want to upgrade the mainboard program V1.00, use serial port RS232 and XTOOL software, select: D8_HDMI_Package_V1.00_20240326.bin. After the program upgrade is completed, there will be a "New version upgrade completed" prompt. After the upgrade is completed, you need to restart the device; the upgrade is completed Restart the device and check the version number.