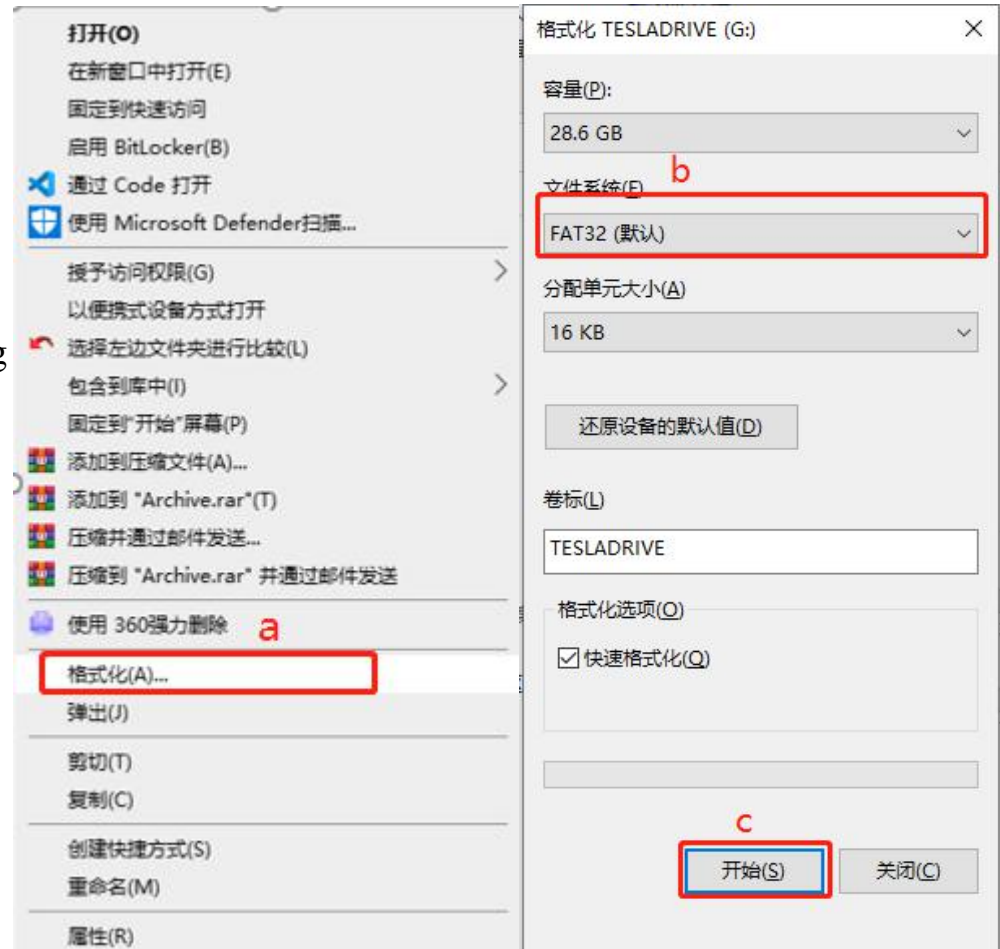


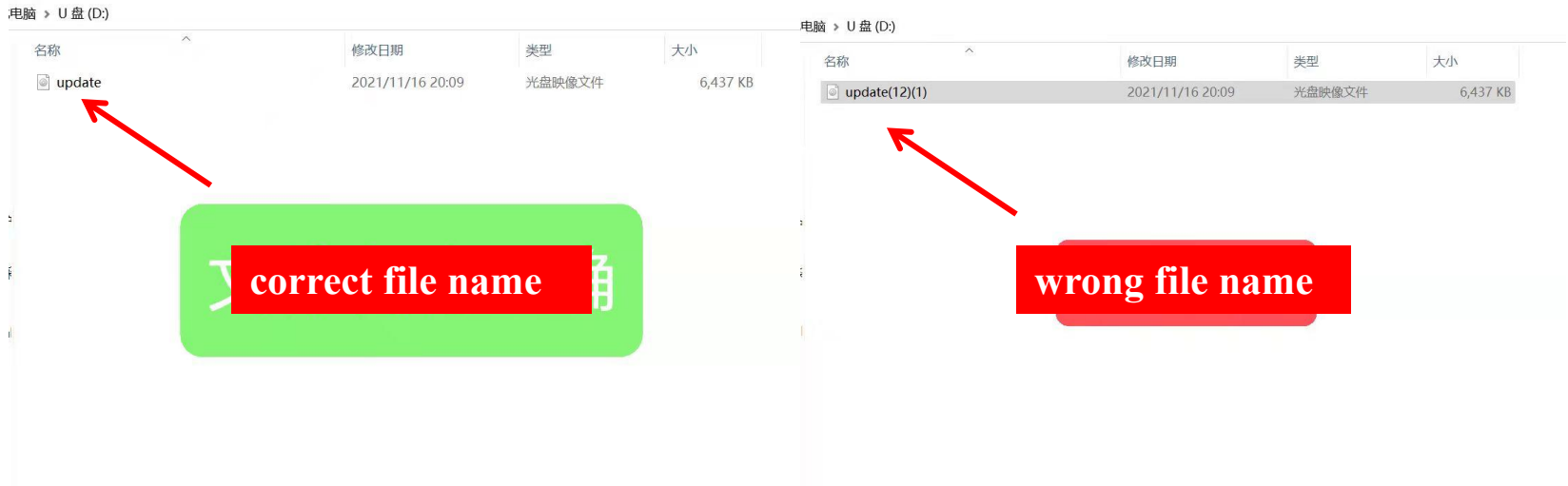
1.Application upgrade

1.1 prepare a Type -C Interface USB flash disk and format the USB flash disk on the computer. The operation is as follows:

- Right click and select Format USB flash disk
- Select "FAT32" format
- Click start to format and wait for the formatting to complete



1.2 Put the firmware into the USB flash disk. If there is a digital suffix in the firmware name, need to remove the digital suffix.



1.3 Insert the USB flash disk with the copied firmware into the type-C interface on the right side of the instrument screen.



1.3 The instrument screen will restart automatically after recognizing the USB flash disk. After the displayed boot logo, the upgrade interface will pop up. Select “zkgui” firmware and click to upgrade. The screen will start to upgrade and the upgrade progress will be displayed.

Precautions: do not power off or pull out the USB flash disk during upgrading

1.4 After upgraded and automatic restart, wait for the system to pop up the upgrade interface again, click the return button in the upper left corner and pull out the USB flash disk.

Note: This version upgrade instruction is only for system version V0 2.8 and later version. Please contact relevant technical personnel for version upgrade before V2.8

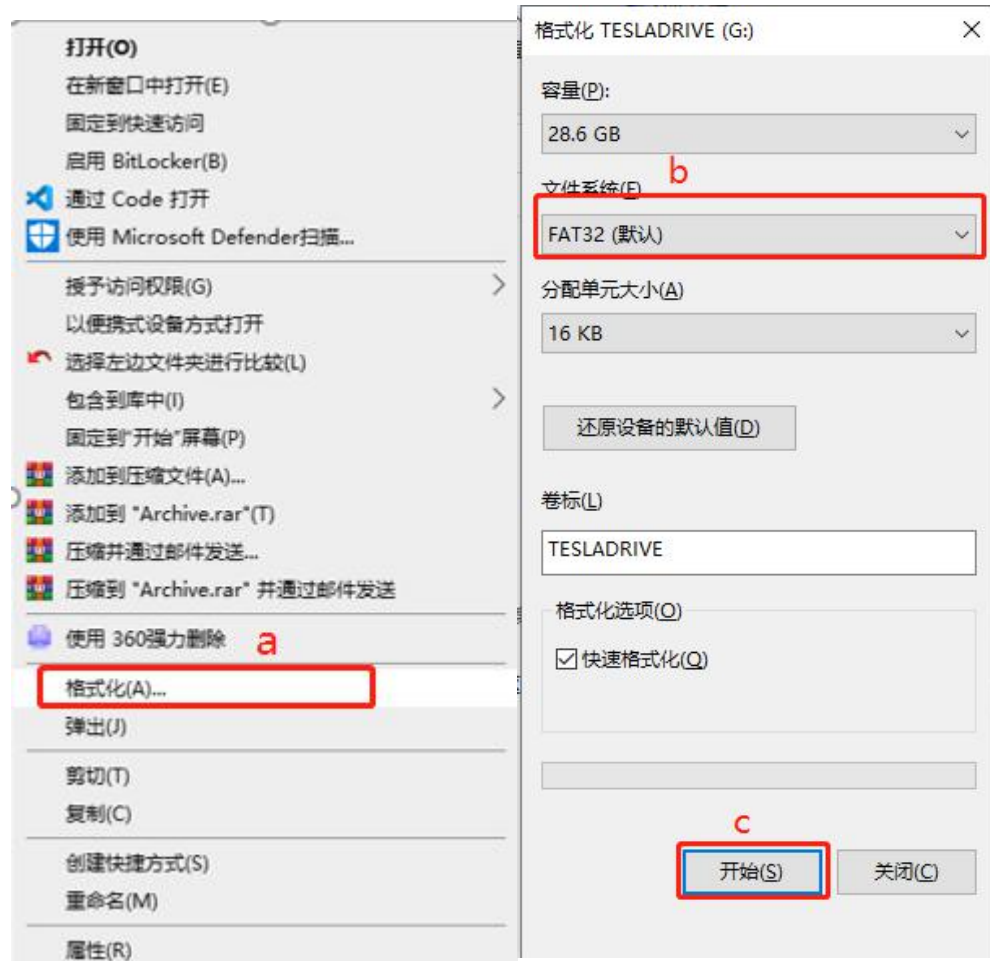
2. MCU and application upgrade together

2.1 prepare a Type -C Interface USB flash disk and format the USB flash disk on the computer.
The operation is as follows:

a. Right click and select Format USB flash disk

b. Select "FAT32" format

c. Click start to format and wait for the formatting to complete



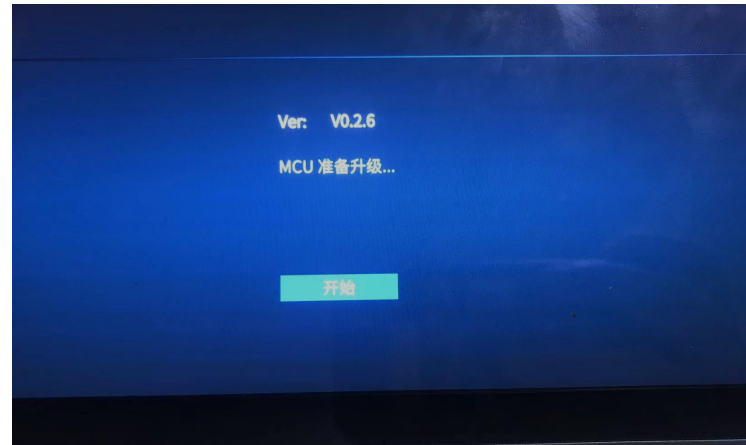
2.2 Put the MCU abd application firmware into the USB flash disk. If there is a digital suffix in the firmware name, need to remove the digital suffix.



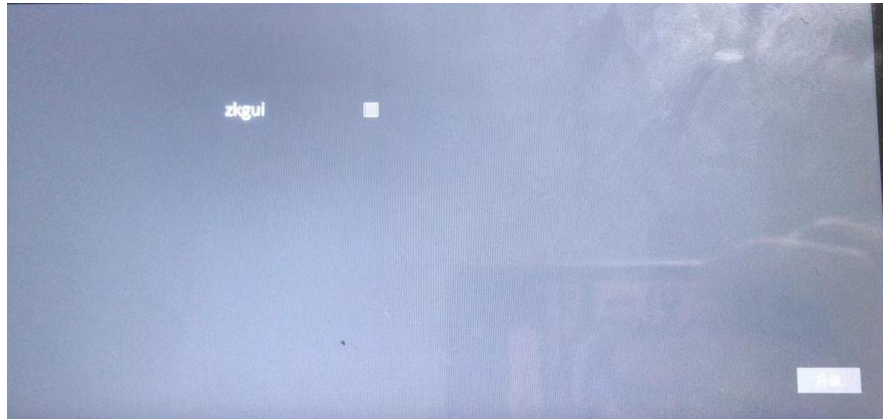
2.3 Insert the USB flash disk with the copied firmware into the type-C interface on the right side of the instrument screen.



2.4 The screen will pop up the pop-up window shown in the picture. Click to start upgrading



2.5 After the progress bar is full, the screen will restart and continue to wait for the application upgrade interface to pop up



2.6 Click to upgrade. After the progress bar is full, the screen will restart automatically. After the upgrade is completed and restarted automatically, wait for the system to pop up the upgrade interface again, click the return button in the upper left corner and pull out the USB flash disk.