Instruction for WS90,WS80 firmware flashing with linux or macOS

1.Install software:

>> brew install dfu-util

Or:

>> sudo apt install dfu-util

2.download the firmware folder from our server, unzip the file and copy the latest version of the firmware to current folder: (for example: the current firmware of ws90_v1.3.3.dfu is loaded here in this example. Your final version can be different)

>> WS90_V1.3.3.dfu

3. Connect the USB cable between your ws90/ws80 and the computer. Press "reset" button from the device. The LED will start to flash rapidly: indicating the device is detected by the computer in USB connection mode).

4. You may confirm the device with this command:

>> sudo dfu-util -l

If correctly installed, it will show: Found DFU: [0483:df11] ver=0200, devnum=19, cfg=1, intf=0, path="2-2.1", alt=0, name="@Internal Flash /0x08000000/192*256ba,320*256bg", serial="00000000001A"

5. Download the firmware:

>> sudo dfu-util -a 0 -t 512 -D WS90_V1.3.3.dfu

It will show this for flashing write status：

Download [========================] 100% 53336 bytes

Download done.

done parsing DfuSe file

If failed, please repeat from step 3 again.

6. Unplug usb cable , press "reset" button. The LED will be on for 4s and then in normal operation mode.