

SilkyEvCam_G31_FW_Recover Manual

For Windows10 64bit (2022-11-04)

This manual is for recovery when SilkyEvCam's update fails.
Not required if the update was successful.

Please Check SilkyEvCam's Label

This Application for

Model. EvC3A

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only.

Please note that it may break if used on other models.

## 1. Advance Preparation

Extract SilkyEvCam\_G31\_FW\_Recover\_for\_win64\_v3.9.0-C.zip to any folder.

In this document, it is assumed that it is expanded to C:\tmp

## 2. Confirm “Device Manager”

- (1) PC power on, Start Windows and Sign in
- (2) Open “Device Manager” (for Example “Settings”-“System”-“About”-“Device Manager”)

(3) SilkyEvCam plug to PC via USB and please find out how SilkyEvCam is recognized.

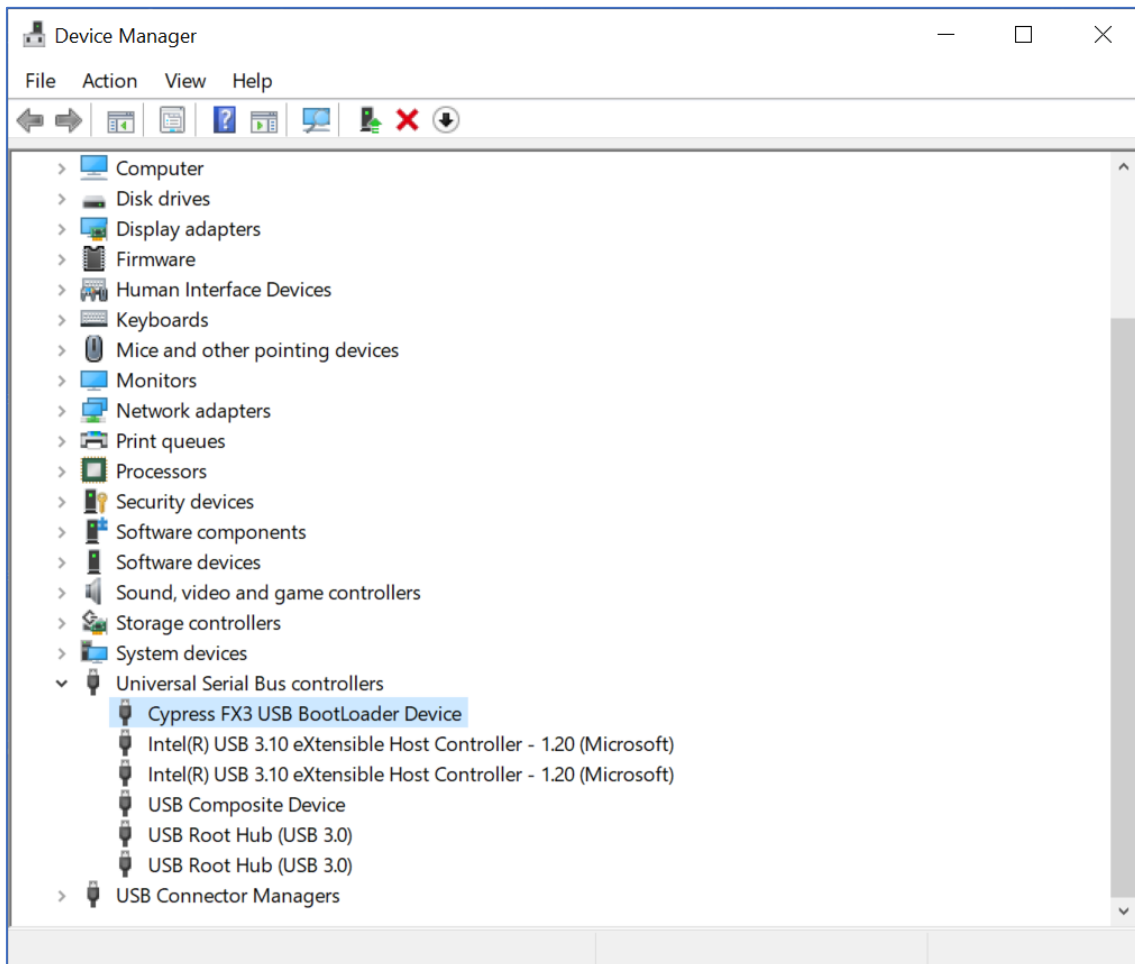


Fig1. Recognized as “Cypress FX3 USB BootLoader Device”

If “Cypress FX3 USB BootLoader Device”(Fig1) to “4.Firmware Write”

If “Other Devices” -“WestBridge” to “3.Update Driver”

### 3. Update Driver

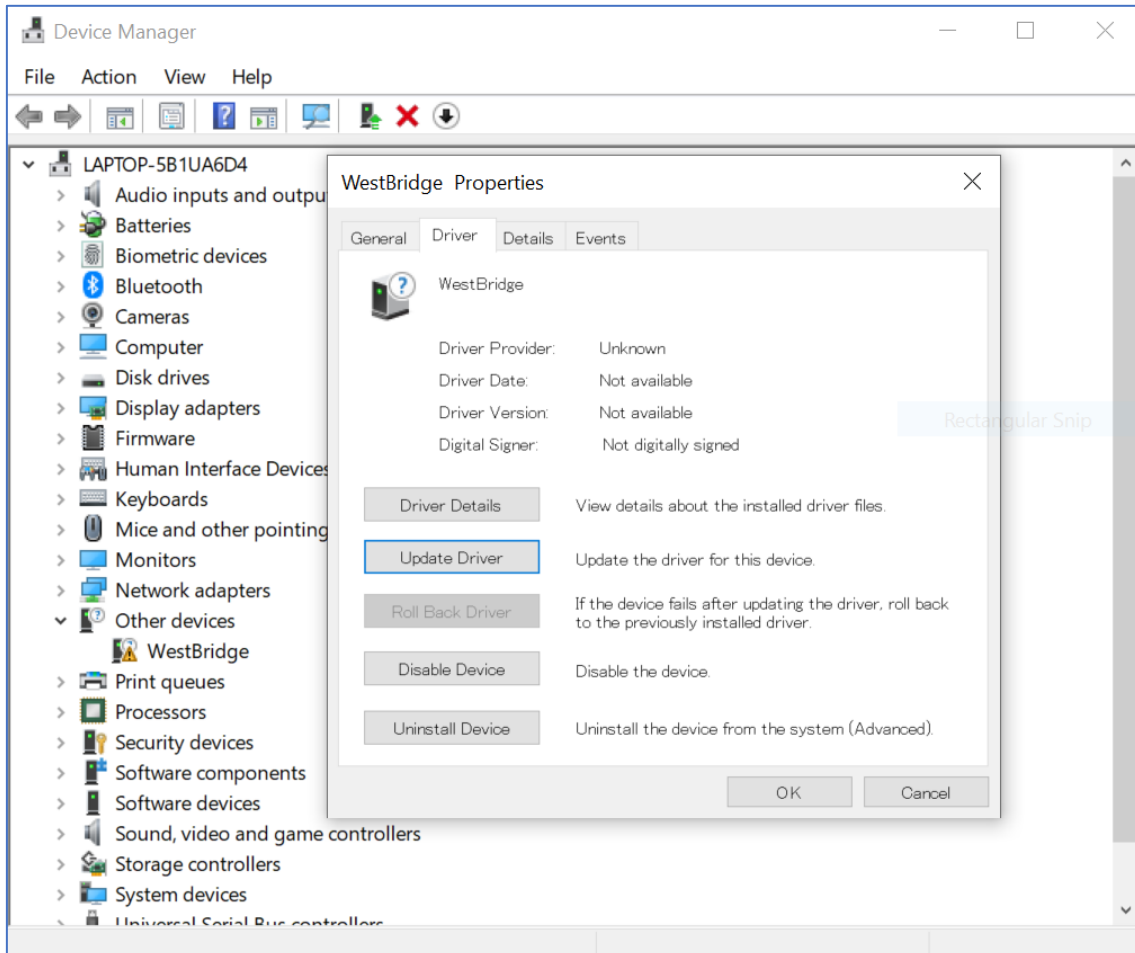


Fig2. Recognized as “WestBridge” and open Properties

- (1) Open “WestBridge” ‘s Properties, and click “Driver” tag.

- (2) Click “Update Driver”
- (3) Use “Browse for drivers on your computer”
- (4) Select “C:\tmp\SilkyEvCam\_G31\_FW\_Recover\_for\_win64\_v3.9.0-C\Driver\Win10x64”,

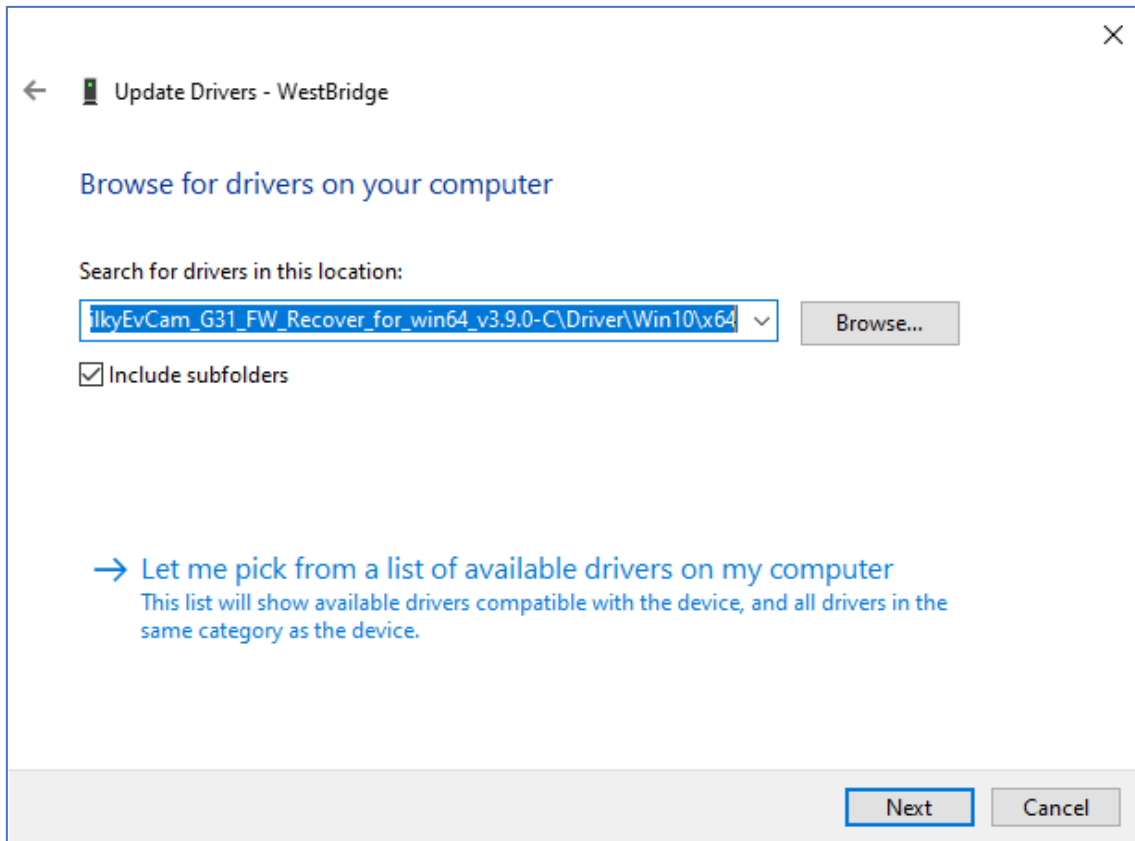


Fig.3 Drivers location setted.

- (5) Click “Next” and please wait several seconds.

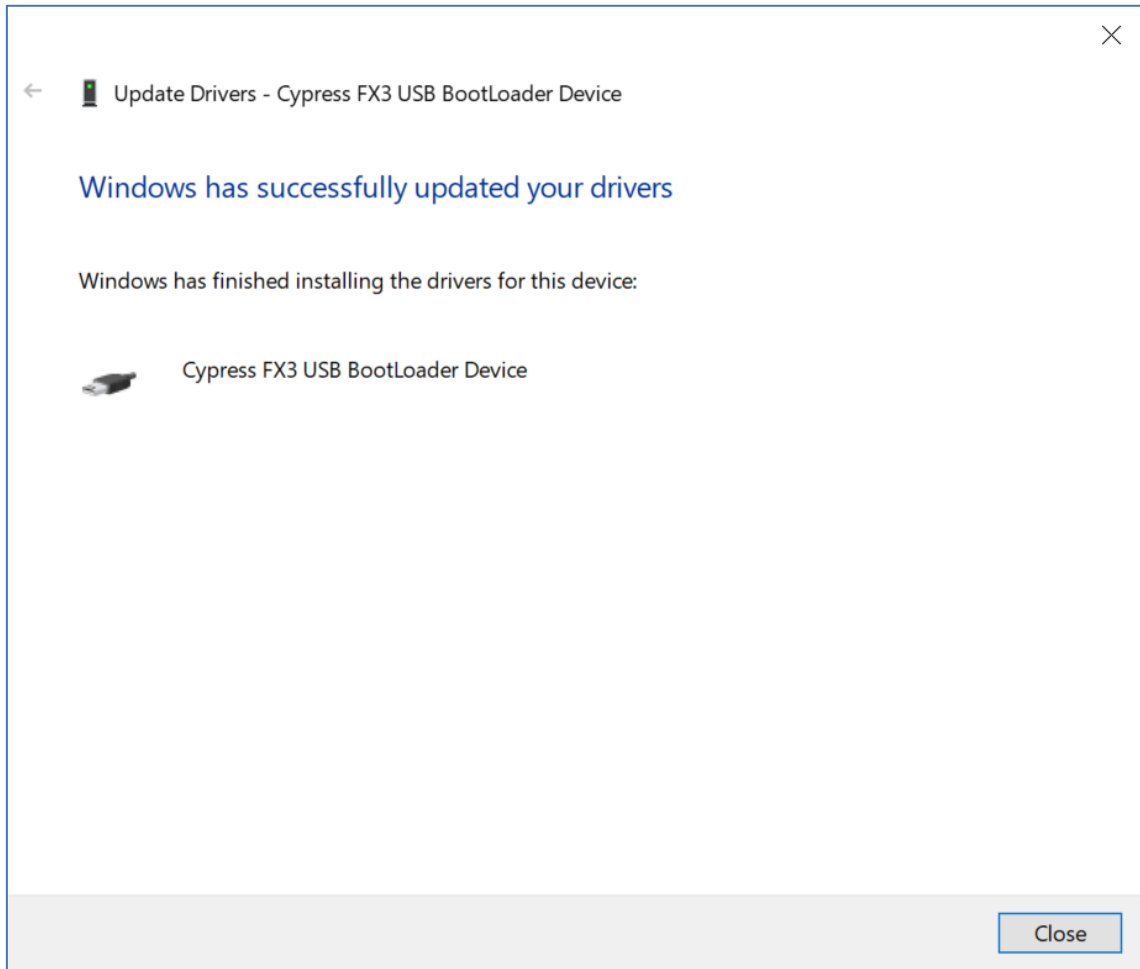
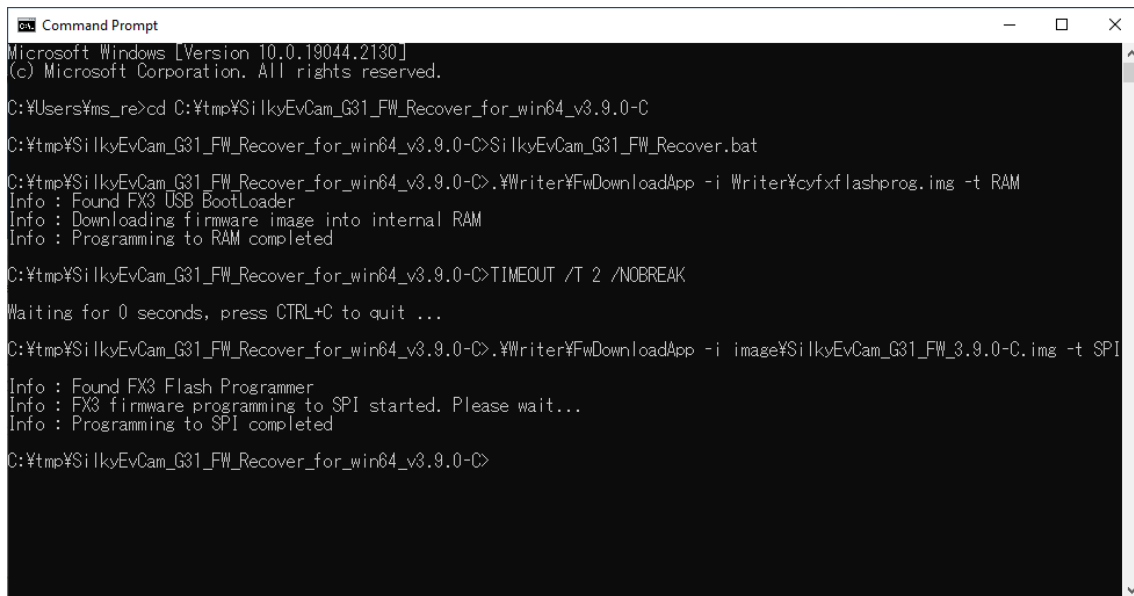


Fig.4 Success Driver Update to "Cypress FX3 USB BootLoader Device"

- (6) Click "Close"
- (7) Unplug SilkyEvCam's USB Cable and wait over 5 seconds.
- (8) To "2.Confirm "Device Manager" (3)"

## 4. Firmware Write

### (1) Open “Command Prompt”



```
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Yms_re>cd C:\tmp\SilkyEvCam_G31_FW_Recover_for_win64_v3.9.0-C
C:\tmp\SilkyEvCam_G31_FW_Recover_for_win64_v3.9.0-C>SilkyEvCam_G31_FW_Recover.bat
C:\tmp\SilkyEvCam_G31_FW_Recover_for_win64_v3.9.0-C>.\Writer\FwDownloadApp -i Writer\cyfxflashprog.img -t RAM
Info : Found FX3 USB BootLoader
Info : Downloading firmware image into internal RAM
Info : Programming to RAM completed
C:\tmp\SilkyEvCam_G31_FW_Recover_for_win64_v3.9.0-C>TIMEOUT /T 2 /NOBREAK
Waiting for 0 seconds, press CTRL+C to quit ...
C:\tmp\SilkyEvCam_G31_FW_Recover_for_win64_v3.9.0-C>.\Writer\FwDownloadApp -i image\SilkyEvCam_G31_FW_3.9.0-C.img -t SPI
Info : Found FX3 Flash Programmer
Info : FX3 firmware programming to SPI started. Please wait...
Info : Programming to SPI completed
C:\tmp\SilkyEvCam_G31_FW_Recover_for_win64_v3.9.0-C>
```

Fig.5 Firmware Write success on “Command Prompt”

### (2) Please type

```
cd \tmp\SilkyEvCam_G31_FW_Recover_for_win64_v3.9.0-C
SilkyEvCam_G31_FW_Recover.bat
```

### (3) Wait the command finish.

if last message is

“Info : Programming to SPI completed”

then success.

### (4) Unplug SilkyEvCam’s USB Cable

This completes the Firmware writing.

Thank you for your hard work.