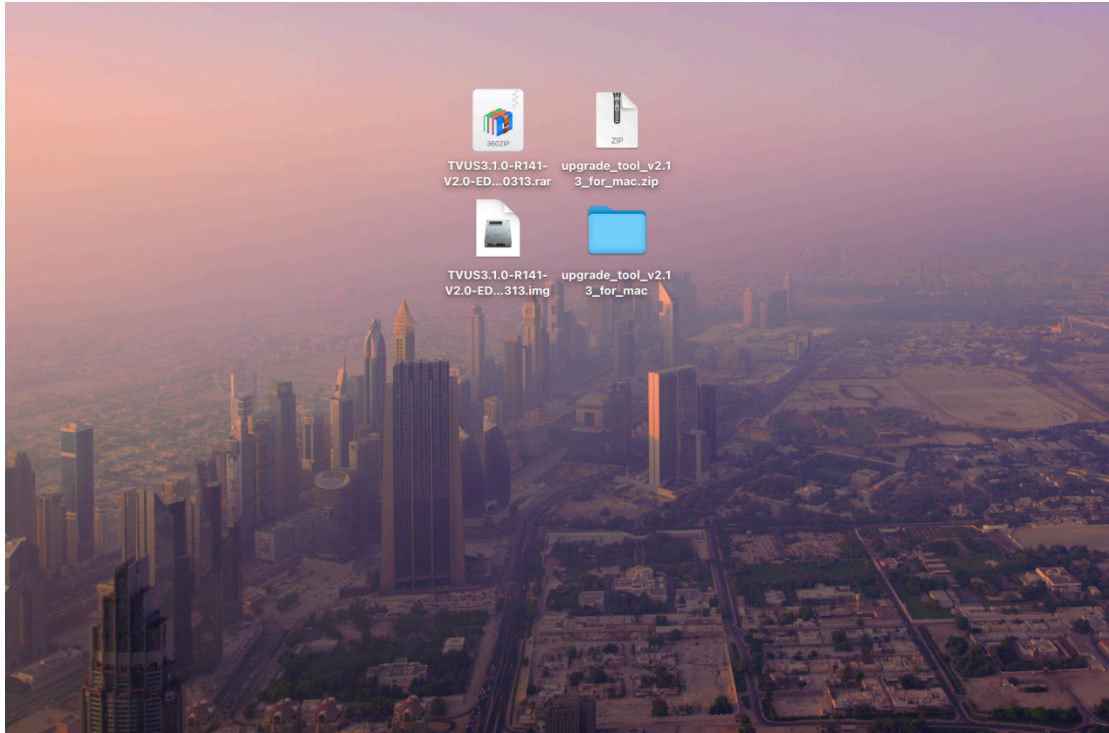


Official Firmware Upgrade Guide for mac OS

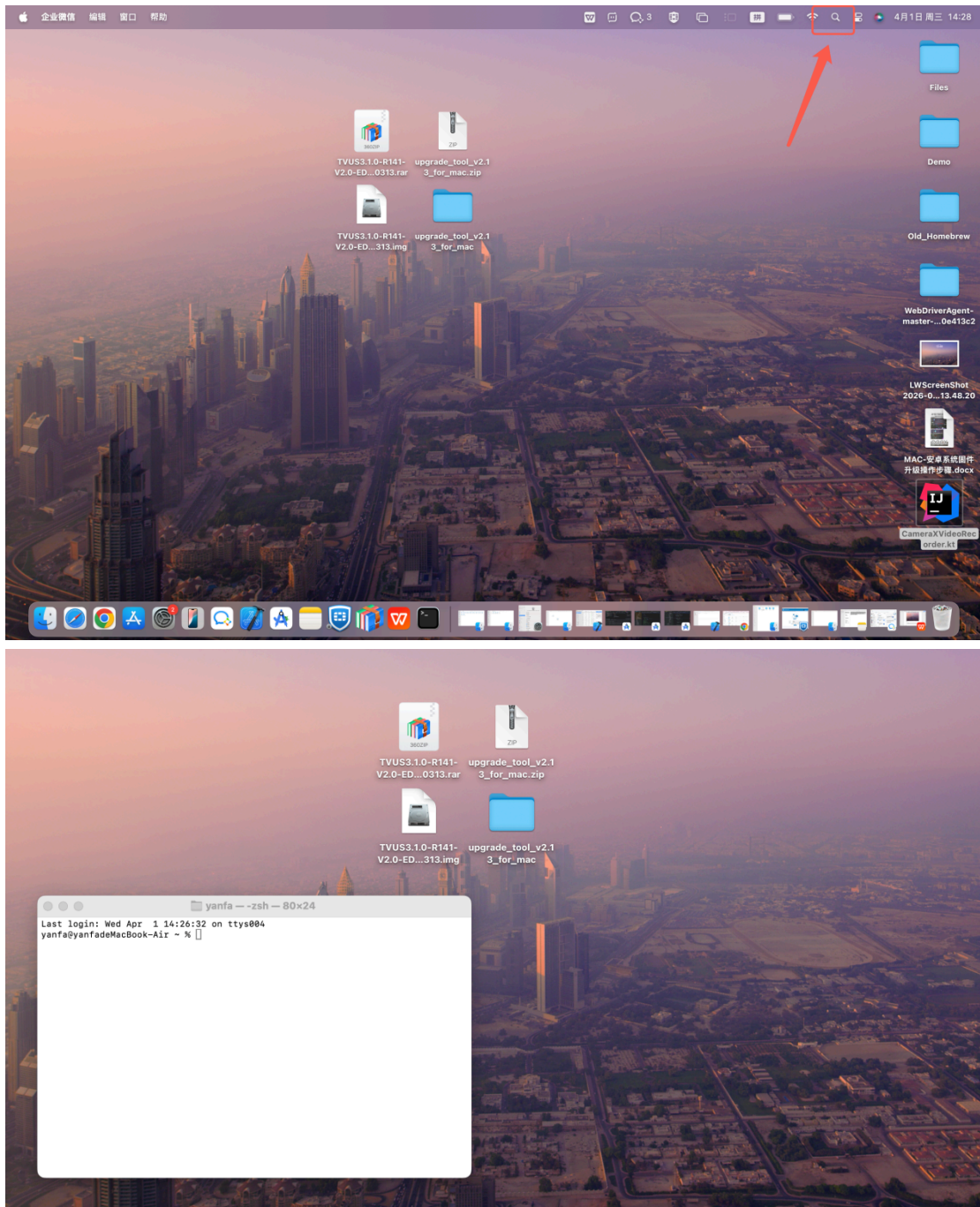
Step 1: Preparation

Please download the firmware and upgrade tools from the provided links. Once downloaded, move the files to the Mac desktop and extract them.



Step 2: Open Terminal

Click the Search icon on your Mac's menu bar, type "Terminal", and open the application.



Step 3: Navigate to Tool Directory

Enter `cd` (ensure there is a space after "`cd`") in the Terminal window, drag the extracted `upgrade_tool_v2.13_for_mac` folder directly into the terminal, and press Enter.



Step 4: Grant Permissions :

Enter the command `chmod 777 ./upgrade_tool` and press Enter to grant the necessary execution permissions to the tool.

```
upgrade_tool_v2.13_for_mac — zsh — 80x24
Last login: Wed Apr  1 14:45:28 on ttys004
yanfa@yanfadeMacBook-Air ~ % cd /Users/yanfa/Desktop/upgrade_tool_v2.13_for_mac

[yanfa@yanfadeMacBook-Air upgrade_tool_v2.13_for_mac % chmod 777 ./upgrade_tool ]
yanfa@yanfadeMacBook-Air upgrade_tool_v2.13_for_mac %
```

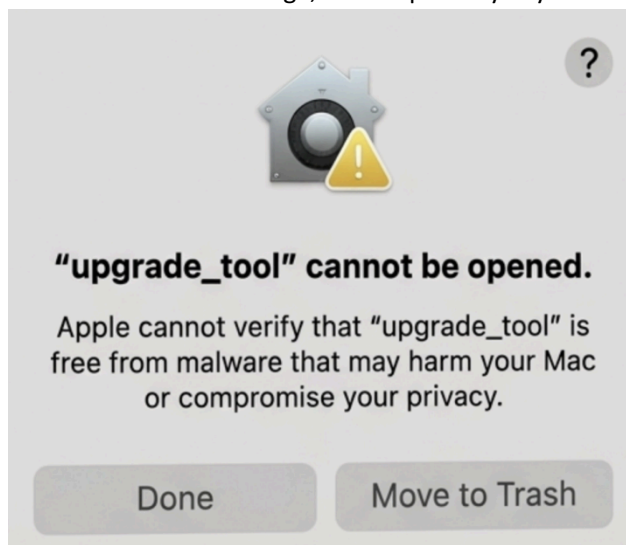
Step 5: Device Connection and Flashing Mode

Connect the Smart Portable TV to your Mac laptop using a dual Type-C data cable. First, ensure the Smart Portable TV is powered off. Then, press the Power button to turn it on while holding the Volume + button for about 5 seconds to enter flashing mode (the device screen will remain black; this is completely normal, do not worry).

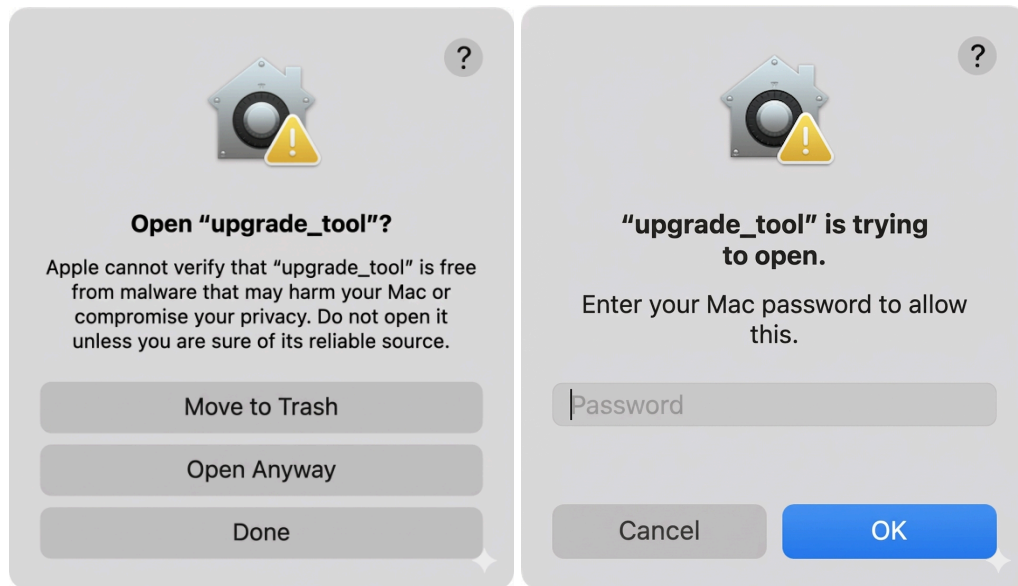
Step 6: Verify Connection and Security Authorization

Enter the command `./upgrade_tool LD` in the Terminal.

If macOS displays a security warning (unidentified developer), click "Done" (do not move it to the Trash). Navigate to System Settings > Privacy & Security, and scroll down to the Security section. Locate the blocked message, click "Open Anyway".



Once authorized, re-execute `./upgrade_tool LD` in the Terminal, click "Open Anyway" in the prompt, and enter your password again.



Step 7: Confirm Device Status

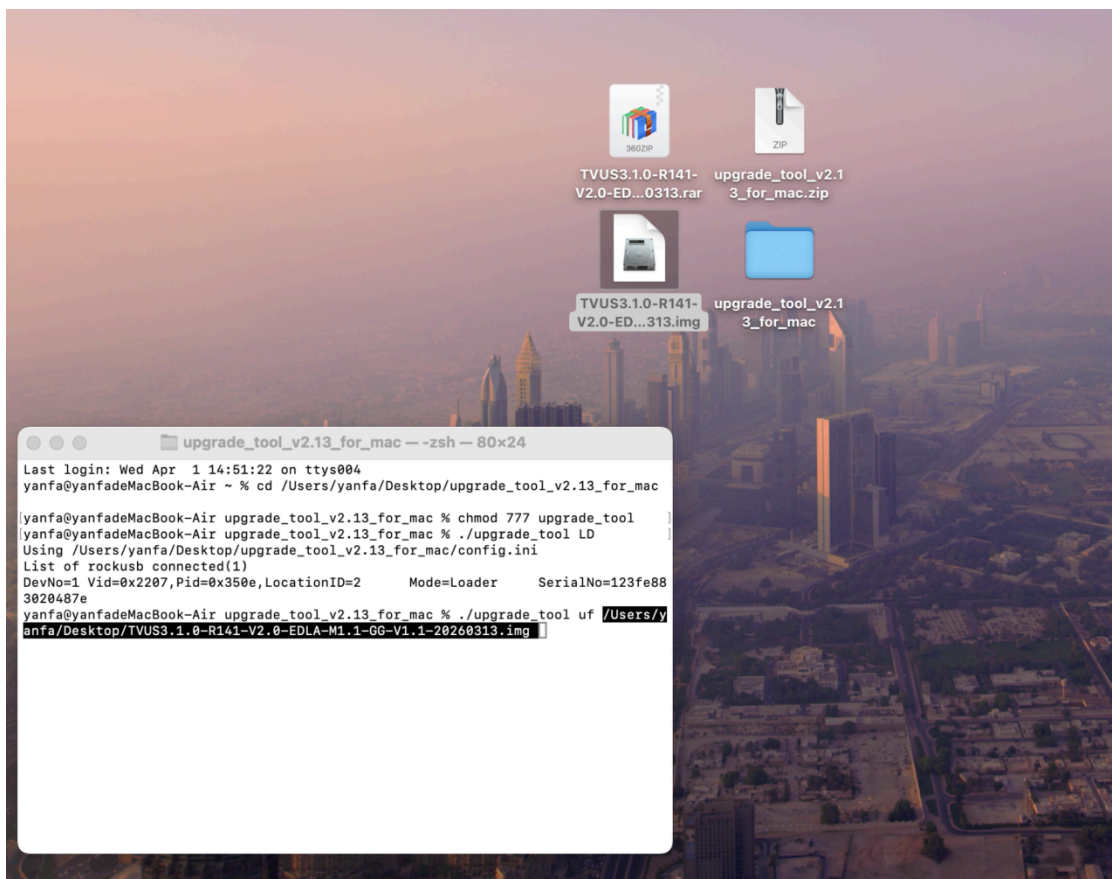
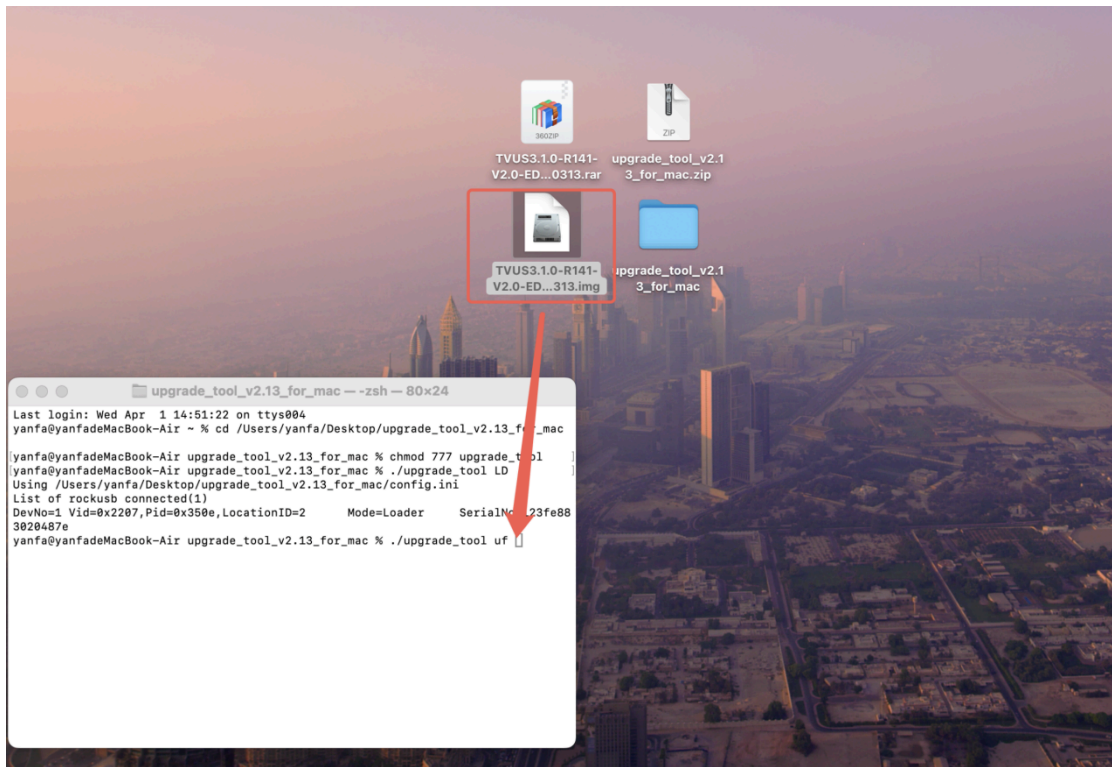
Upon successful execution, the terminal will display device connection information. Please verify that `Mode=Loader` is displayed, which confirms the device is in the correct flashing mode. If this status is not shown, the device is not in the correct mode, and you must repeat the hardware button process in Step 5.

```
upgrade_tool_v2.13_for_mac — -zsh — 80x24
Last login: Wed Apr  1 14:51:22 on ttys004
yanfa@yanfadeMacBook-Air ~ % cd /Users/yanfa/Desktop/upgrade_tool_v2.13_for_mac

[yanfa@yanfadeMacBook-Air upgrade_tool_v2.13_for_mac % chmod 777 upgrade_tool      ]
[yanfa@yanfadeMacBook-Air upgrade_tool_v2.13_for_mac % ./upgrade_tool LD          ]
Using /Users/yanfa/Desktop/upgrade_tool_v2.13_for_mac/config.ini
List of rockusb connected(1)
DevNo=1 Vid=0x2207,Pid=0x350e,LocationID=2      Mode=Loader      SerialNo=123fe88
3020487e
yanfa@yanfadeMacBook-Air upgrade_tool_v2.13_for_mac %
```

Step 8: Execute Firmware Upgrade

Once confirmed, continue by entering the command `./upgrade_tool UF` (Strictly note: "UF" must be capitalized and followed by a single space). Drag the downloaded firmware image file (.img) directly into the Terminal window, and press Enter to officially initiate the upgrade process.



```
• • • upgrade_tool_v2.13_for_mac — upgrade_tool UF ~/Desktop/TVUS3.1.0-R...
anfa/Desktop/TVUS3.1.0-R141-V2.0-EDLA-M1.1-GG-V1.1-20260313.img
Using /Users/yanfa/Desktop/upgrade_tool_v2.13_for_mac/config.ini
zsh: segmentation fault ./upgrade_tool uf
[yanfa@yanfadeMacBook-Air upgrade_tool_v2.13_for_mac % ./upgrade_tool UF /Users/y]
anfa/Desktop/TVUS3.1.0-R141-V2.0-EDLA-M1.1-GG-V1.1-20260313.img
Using /Users/yanfa/Desktop/upgrade_tool_v2.13_for_mac/config.ini
ftruncate: Invalid argument
Loading firmware...
Support Type:3576      FW Ver:e.0.00      FW Time:2026-03-13 05:30:55
Loader ver:1.64 Loader Time:2026-03-13 03:53:33
Start to upgrade firmware...
Test Device Start
Test Device Success
Check Chip Start
Check Chip Success
Get FlashInfo Start
Get FlashInfo Success
Prepare IDB Start
Prepare IDB Success
Download IDB Start
Download IDB Success
Download Firmware Start
Download Image... (59%)
█
```

Step 9: Completion

The flashing process will proceed automatically. Once the upgrade is fully completed, the device will power on automatically. After confirming the device has powered on, unplug the data cable and pack up your computer. The entire MAC flashing process is now complete.