

Firmware Update Procedures

PTR-15

This document provides procedures for updating the DVIP firmware for the PTR-15 4K Robotic Pan Tilt Head.

Updating the PTR-15 DVIP Firmware(V2.0.1.3)

What items you should prepare before updating the firmware

- The latest PTR-15 firmware update zip file x1.

For PTR-15

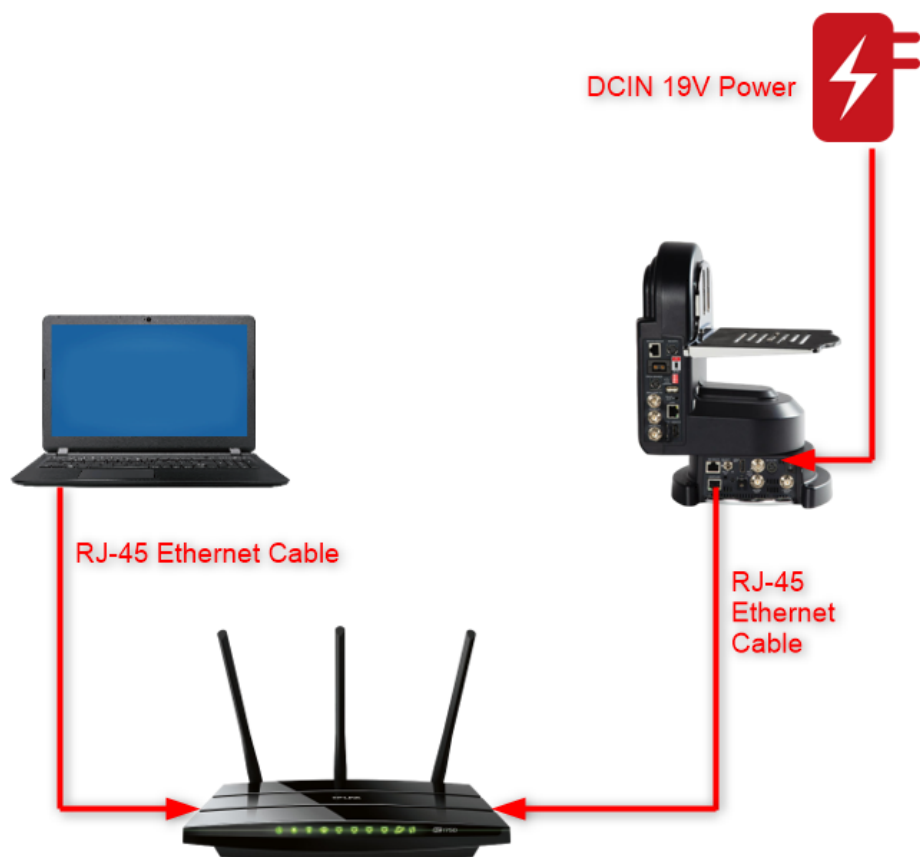
The latest firmware zip file can be downloaded from the PTR-15 product page <https://www.datavideo.com/product/PTR-15> of the Datavideo official website.

After the downloaded firmware zip file is unzipped, you can see five firmware related files which are listed as below.

- DVIP Firmware: DVIP_AP_PTC-150_2V013
- DVIP Firmware Upgrade Tool: DVIP_UpgradeTool.exe
- Firmware Upgrade Configuration File: DVIP_Config.cfg
- wxmsw28u_gcc_custom.dll

System Connection Diagram

PTR-15: DVIP Firmware Update



Checking the Firmware Version

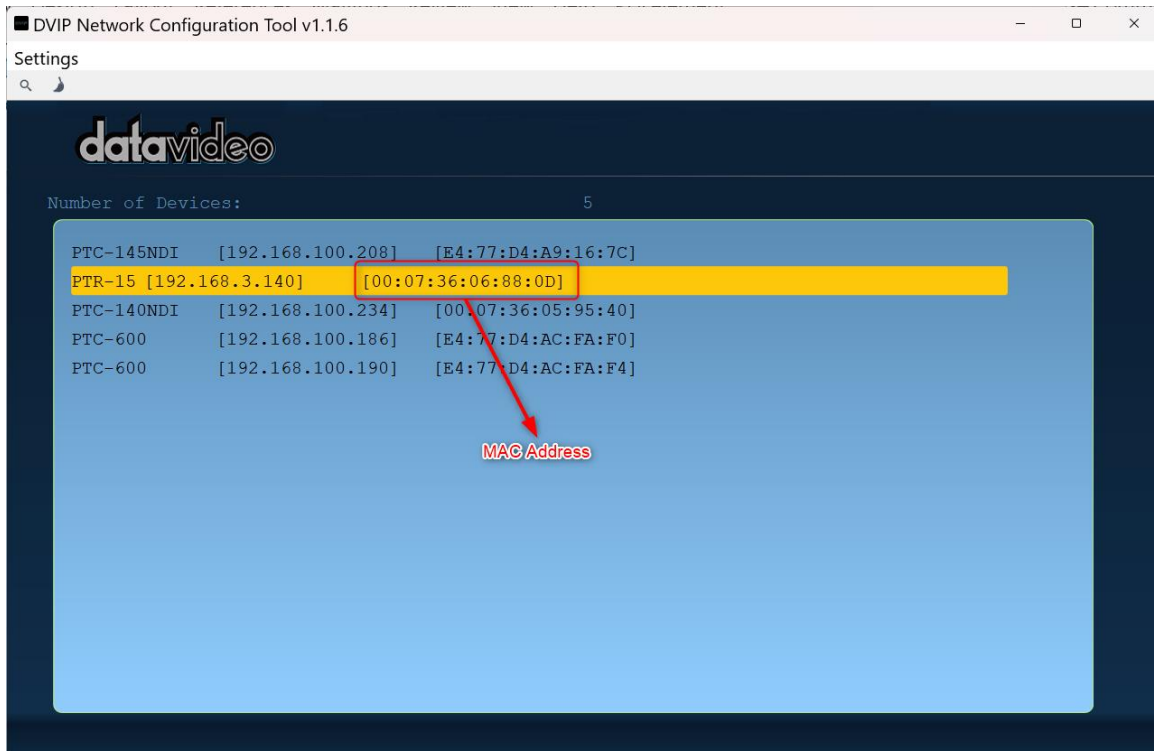
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Updating the Firmware

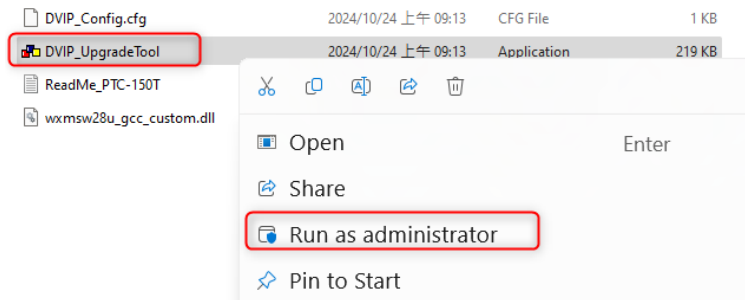
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Checking the Firmware Version

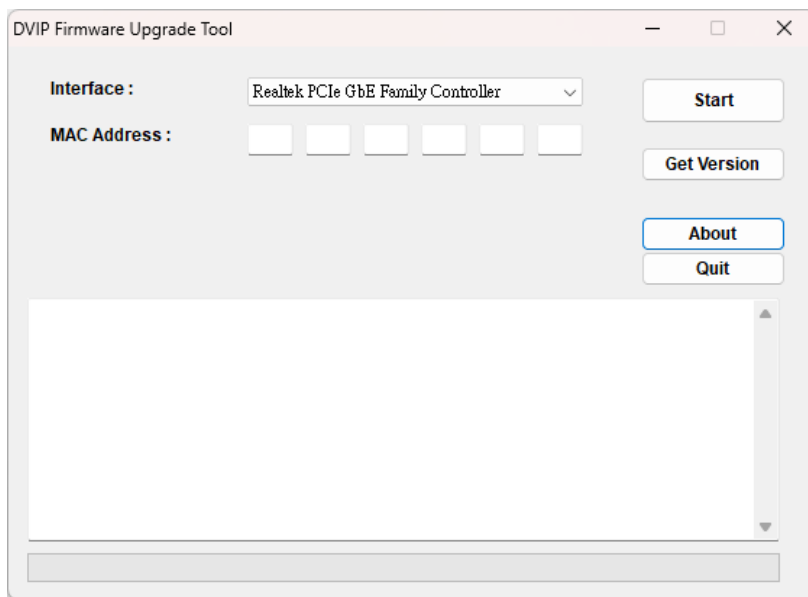
1. Please connect a DC 19V power adapter to the PTR-15.
2. The factory default of the PTR-15 is the DHCP mode. So, please make sure your PTR-15 is set in DHCP mode.
3. Please connect an RJ-45 Ethernet cable from the DVIP/LAN port of the PTR-15 to an Ethernet port of a router.
4. Please make sure that your laptop is set in DHCP mode. After that, please connect another RJ-45 Ethernet cable from your laptop to the same router.
5. Please download Datavideo DVIP Network Config Software from <https://www.datavideo.com/product/DVIP>
6. Please double-click the Datavideo DVIP Network Config Software to open it. After that, you can see the IP address and MAC address of your PTR-15 which are shown in the following diagram.



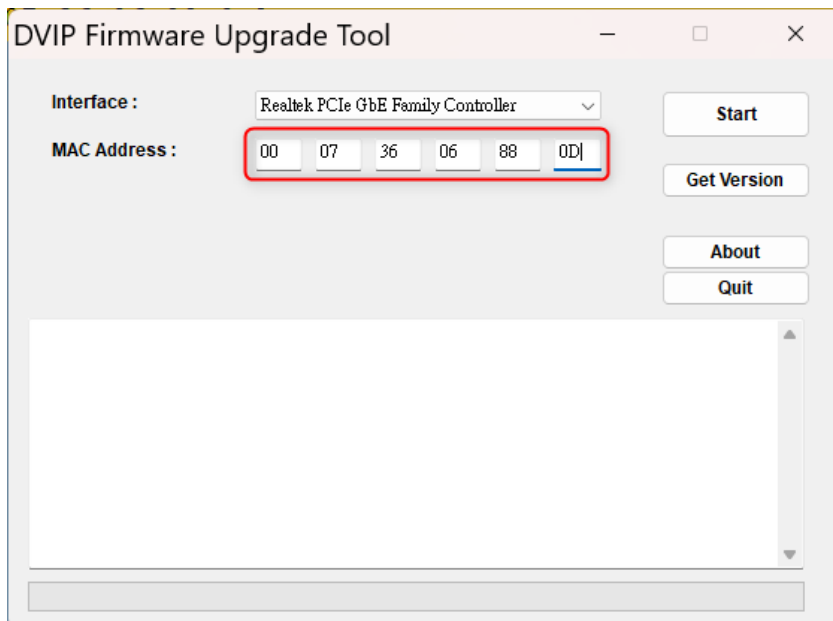
7. Please make sure that the DVIP firmware update file for the PTR-15 is downloaded and unzipped.
8. After the Ethernet Interface is ready, please run the “DVIP Firmware Upgrade Tool” as administrator.



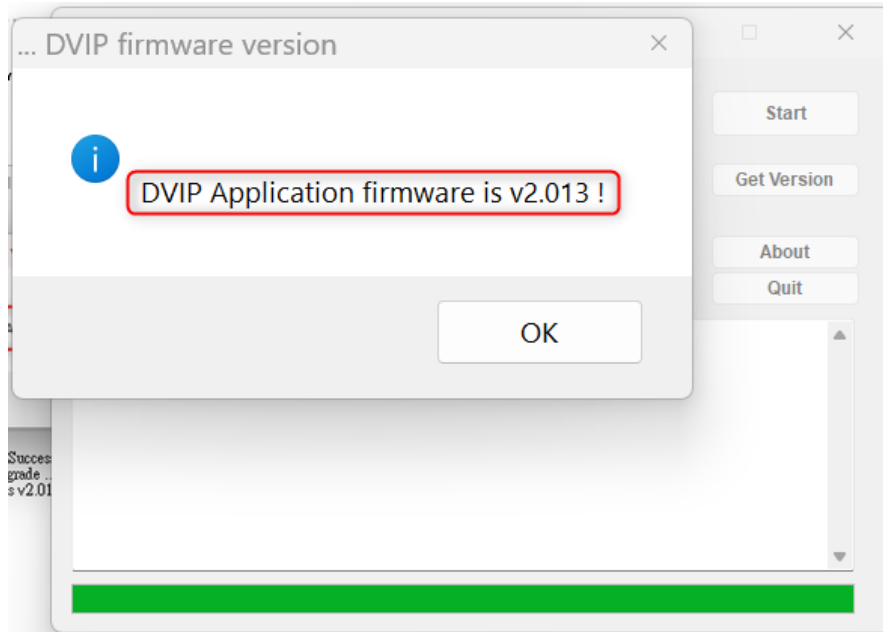
9. And then you can see the Interface of the DVIP Upgrade Tool.



10. Please enter the MAC Address which is obtained by the Datavideo DVIP Network Config software into the “MAC Address” columns. In this example, the MAC Address is “00/07/36/06/88/0D”.



11. Please press the “Get Version” button, and then you can see the DVIP firmware version of your PTR-15.



Updating the Firmware

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3. Please connect an RJ-45 Ethernet cable from the DVIP/LAN port of the PTR-15 to an Ethernet port of a router.
4. Please make sure that your laptop is set in DHCP mode. After that, please connect another RJ-45 Ethernet cable from your laptop to the same router.
5. Please make sure that all the firmware-related files including DVIP firmware **DVIP_AP_PTC-150T_2V013**, **DVIP Firmware Upgrade Tool**, **DVIP_Config.cfg**, and **wxmsw28u_gcc_custom.dll** are placed in the same file folder.

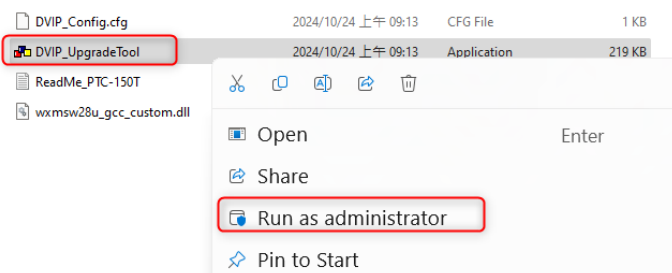
🔌 DVIP_AP_PTC-150_2V013

📄 DVIP_Config.cfg

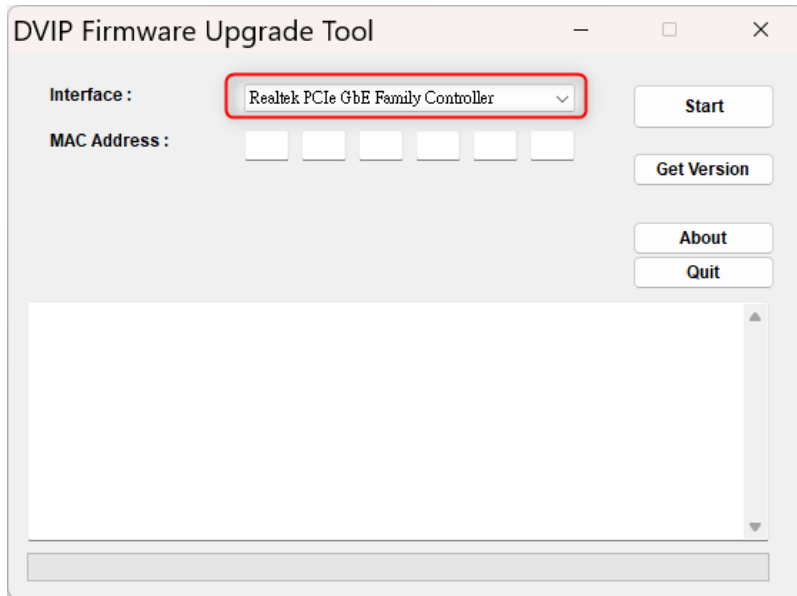
📄 DVIP_UpgradeTool

📄 wxmsw28u_gcc_custom.dll

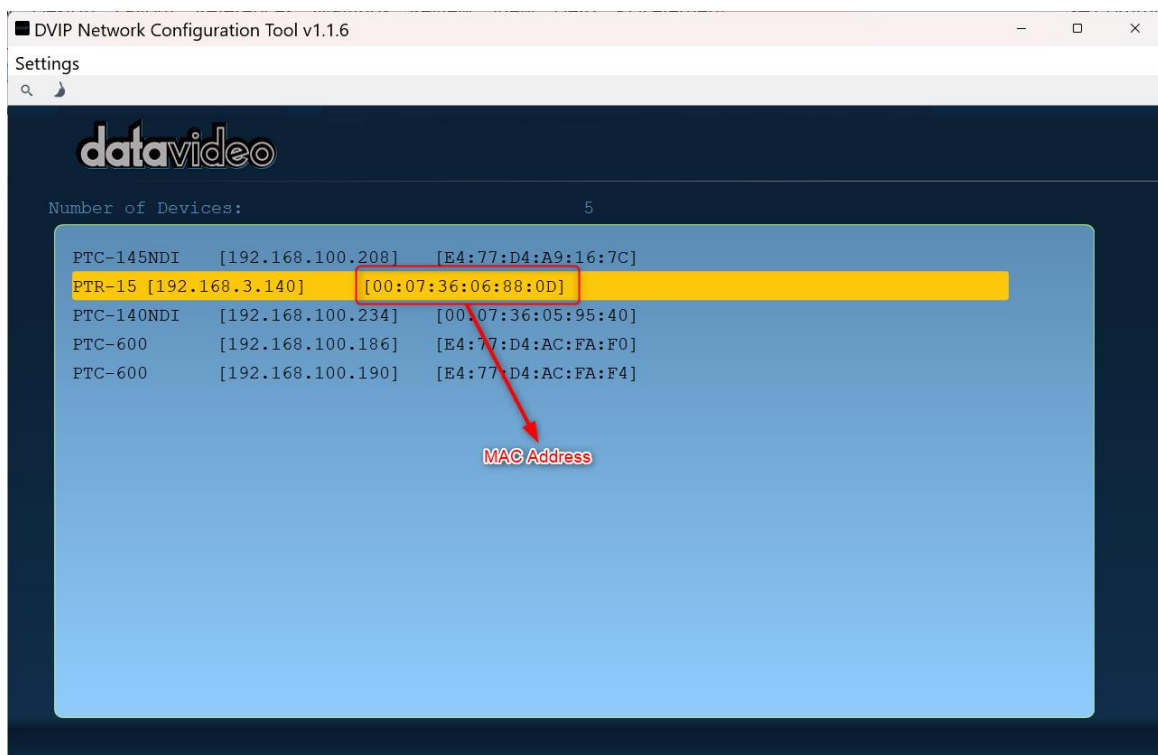
6. Please run the “DVIP_UpgradeTool.exe”, please right-click the mouse and then click “run as administrator”.

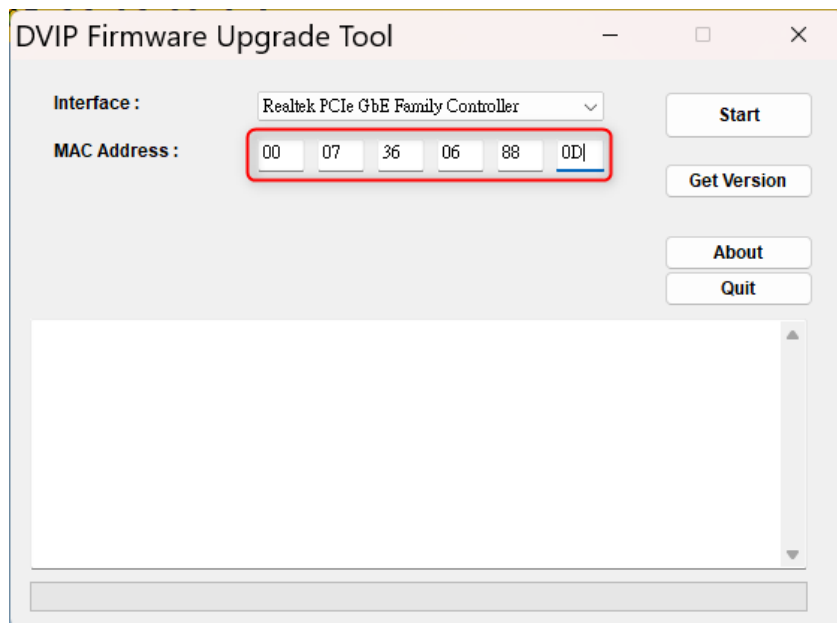


7. Please select your Ethernet Card from the “Interface” drop-down menu.

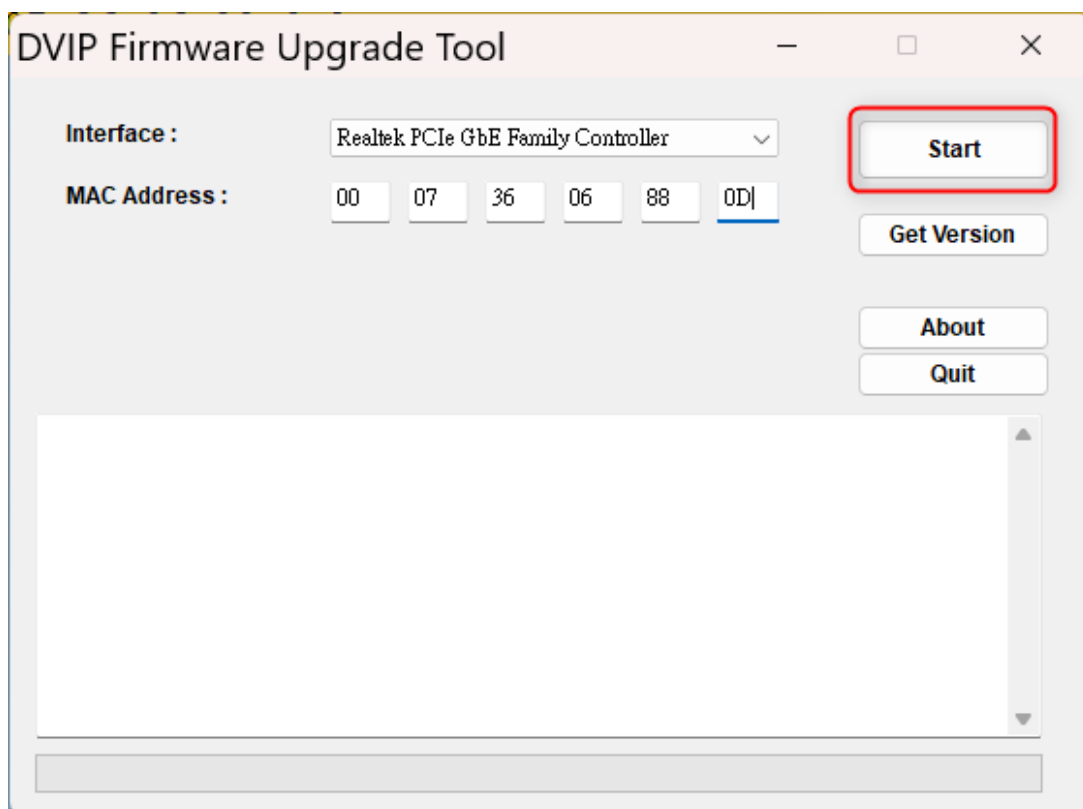


8. Once the DVIP UpgradeTool is launched, please enter the DVIP MAC Address of your PTR-15 which is shown in the following diagram. The MAC Address can be obtained by Datavideo Network Configuration Tool which can be downloaded from Datavideo official website www.datavideo.com. The MAC Address of this example is 00/07/36/06/88/0D. So, please enter the MAC Address into the “MAC Address” option of the DVIP Firmware Upgrade Tool.

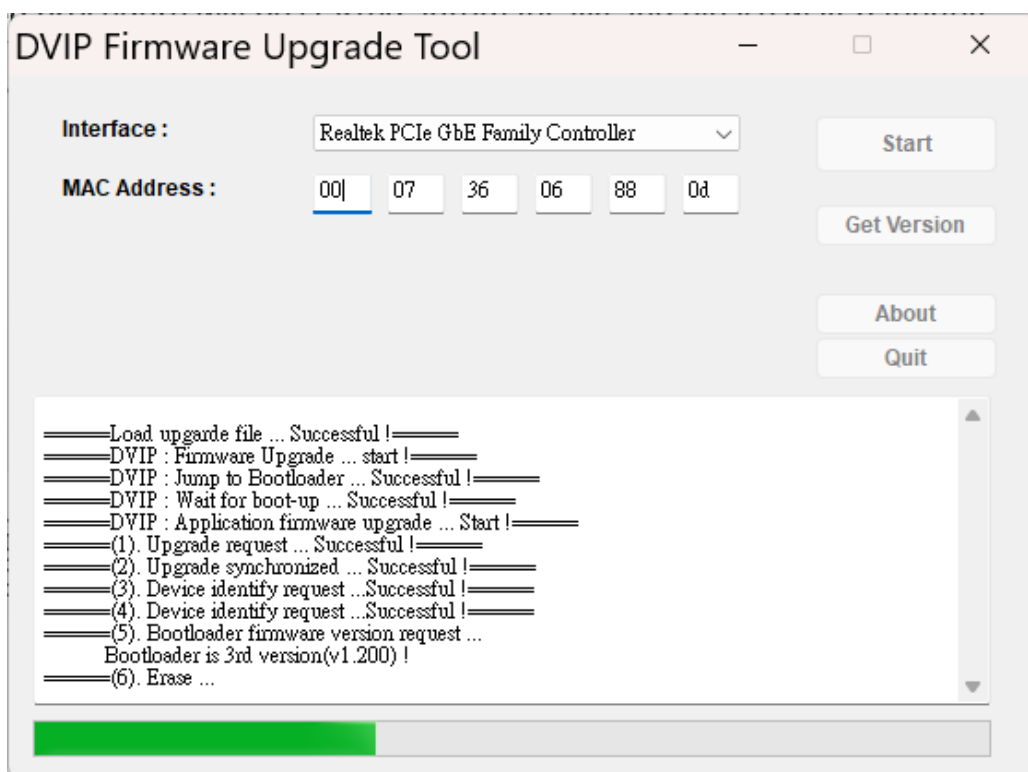
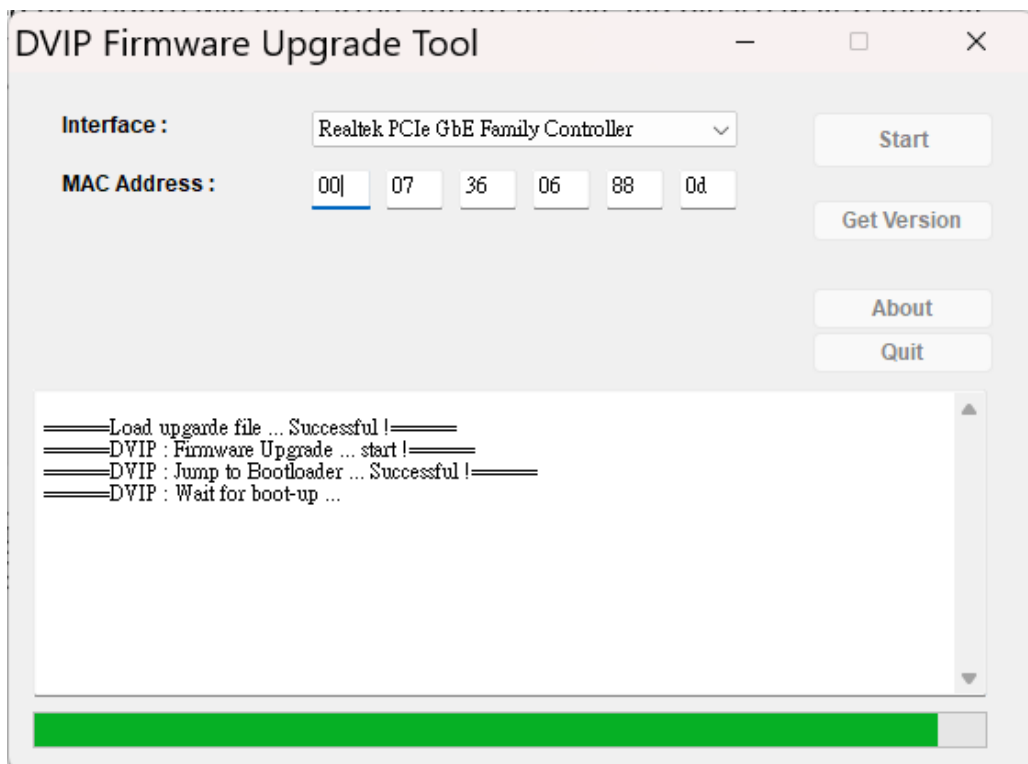




9. After the MAC Address is entered, please press the “Start” button.



10. The firmware updated procedure will be started automatically and please wait patiently.



11. After the whole firmware update procedure is completed, a reminder will be shown to remind you that the DVIP firmware is updated successfully. Please press the “OK” button and then please reboot your PTR-15 to finish the whole DVIP firmware update procedure.

