

VMIII & Remote Panel Firmware Upgrade Process

◆ Preparation for firmware upgrade operation

Step1. Connect the unit and the PC via RS232 cable or USB cable, and utility power to AC terminal, switches AC breaker on. Please refer to picture as below.

NOTE: There is no NEED to turn off the unit when updating the LCD program. KEEP the unit up and running and make sure the LCD is lit normally.



Figure 1-1



Figure 1-2

Step2. If use RS232, please check the COM Port Number as below pictures.

NOTE: Make sure all application communication software using this COM port is turned off. The application software include some UPS monitoring software.

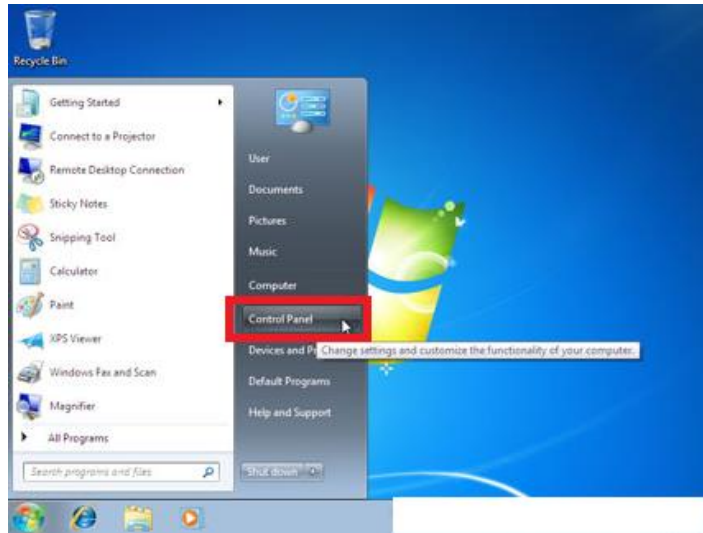


Figure 2



Figure 3

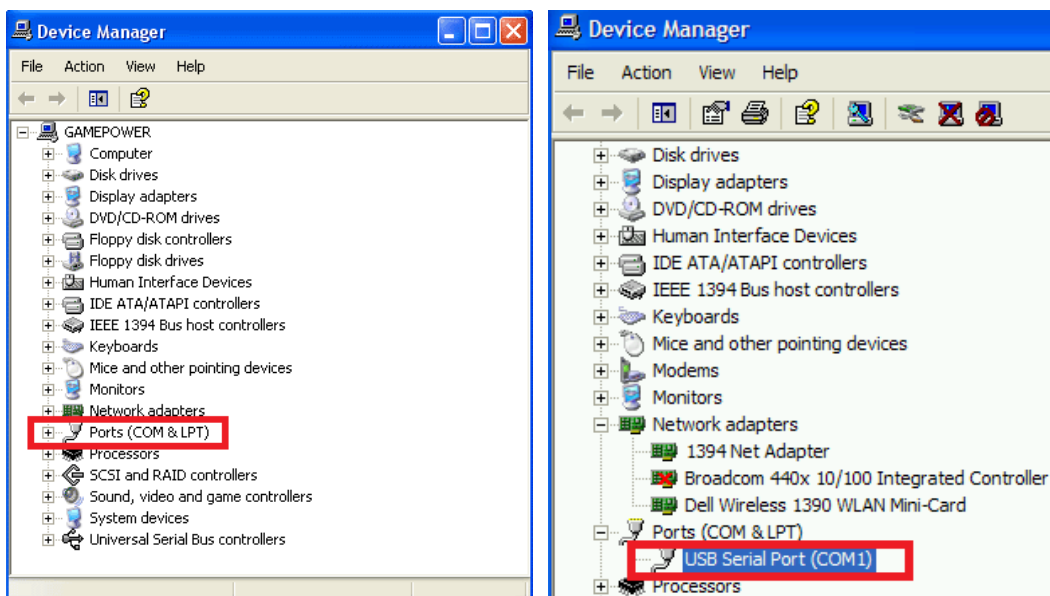


Figure 4

VMIII Firmware Upgrade Process

Step1. Execute "UPSReflashTool.exe". Please refer to below picture.



InvConfigFile.ini	2015/5/5 下午 08...	Configuration Se...	1 KB
tmp.bin	2018/9/12 下午 0...	BIN 檔案	127 KB
tmp.txt	2018/9/12 下午 0...	文字文件	270 KB
UPSReflashTool.exe	2015/6/8 下午 12...	應用程式	240 KB
VM3.hex	2018/3/1 上午 10...	HEX 檔案	263 KB
VP5K.hex	2018/9/12 下午 0...	HEX 檔案	258 KB

Figure 5

Step2. If use RS232, please select "com port number", if use USB, please select "USB". Click "File" to select file. Please refer to below picture.

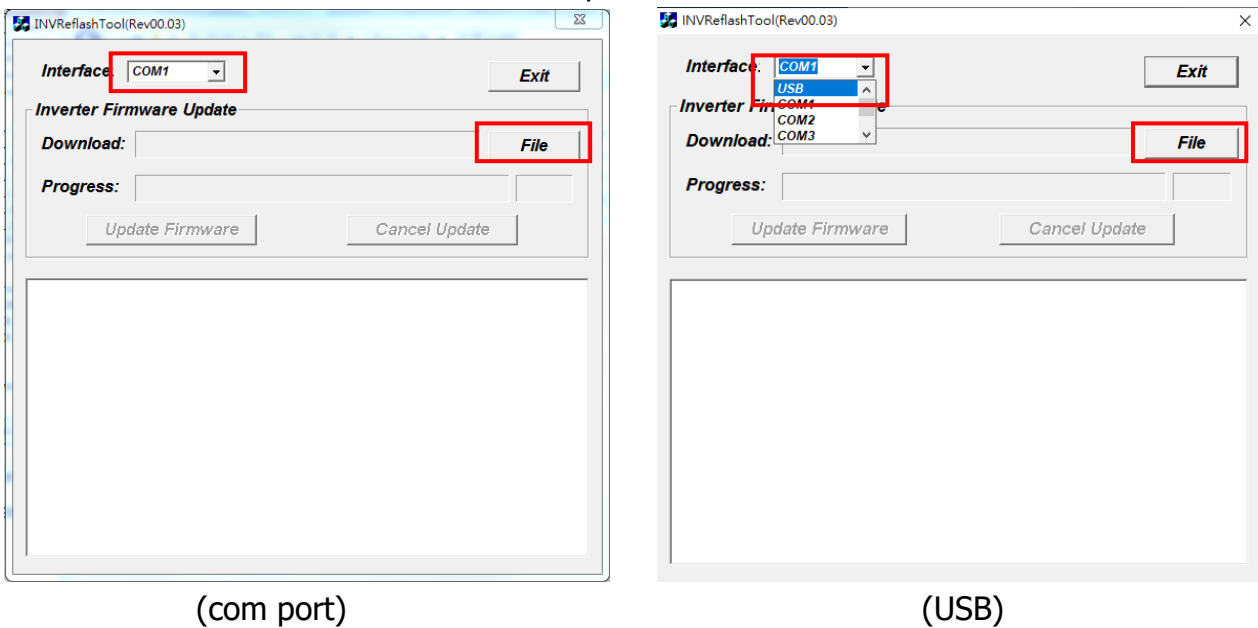


Figure 6

Step3. Open "VM3.hex". Please refer to below picture.

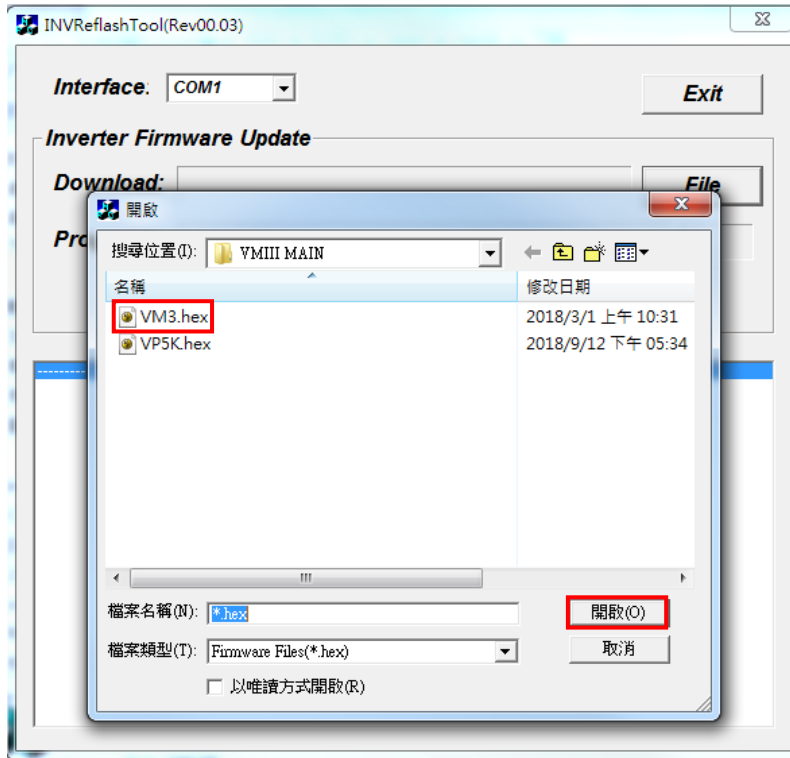


Figure 7

Step4. Click "Update Firmware" to upgrade firmware. Please refer to below picture.

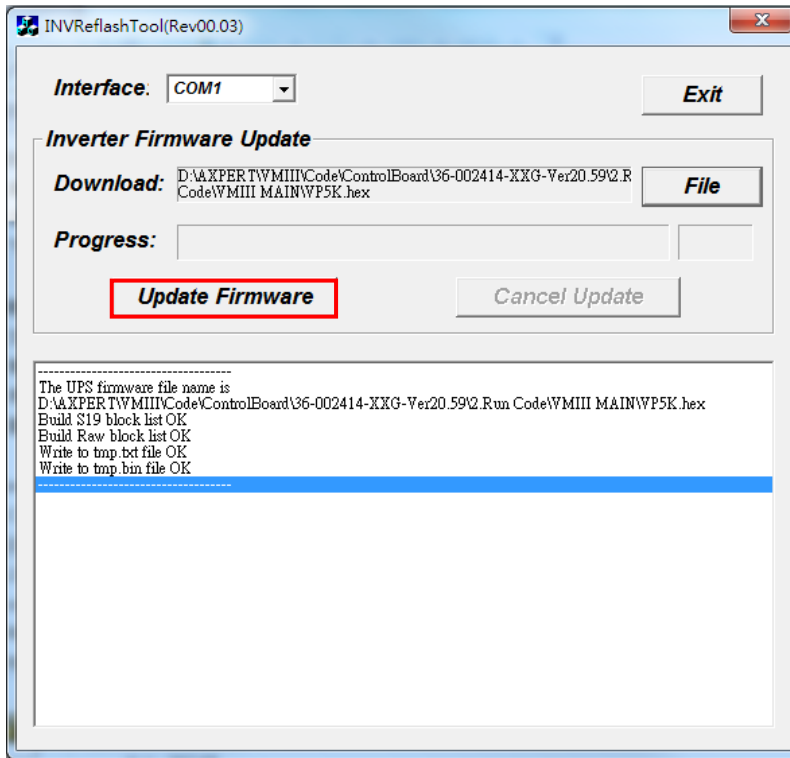


Figure 8

Please wait for about ten seconds. Upgrade firmware of MCU in progress.

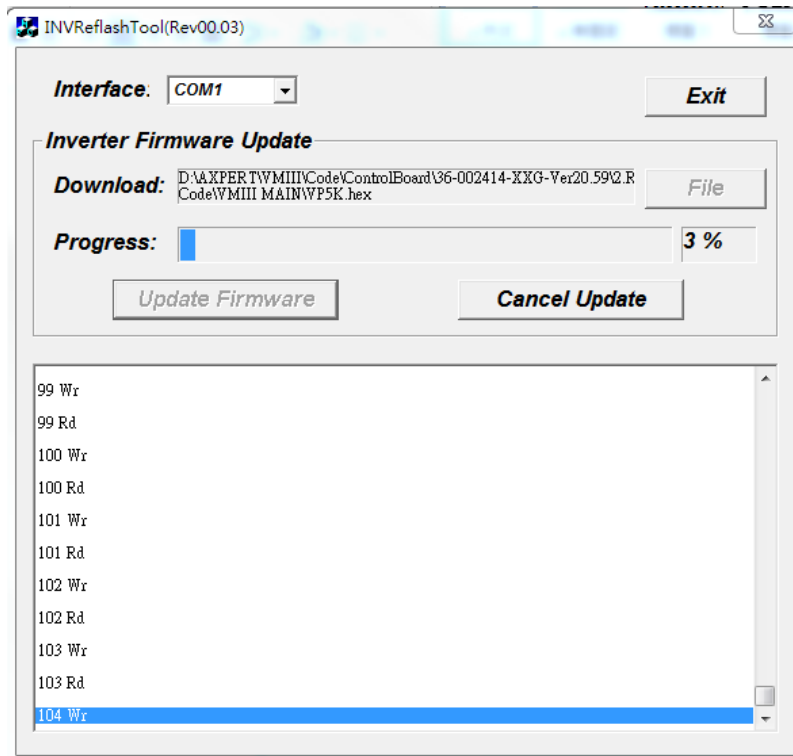


Figure 9

Step5. After the firmware upgrade successful, you can see the information as below. Click "Exit" to stop tool. Please refer to below picture.

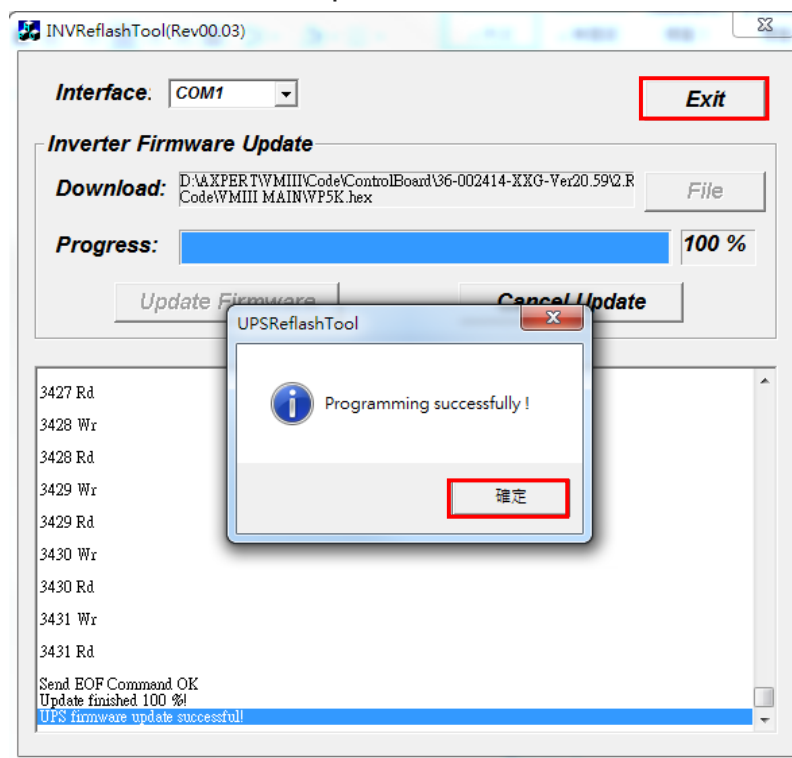


Figure 10

Step6. Please check the firmware on the Identification page of the LCD. Please make sure the new firmware version of the Display U1 is 41.15