


Firmware Update Procedure for Customer


1. Requirements

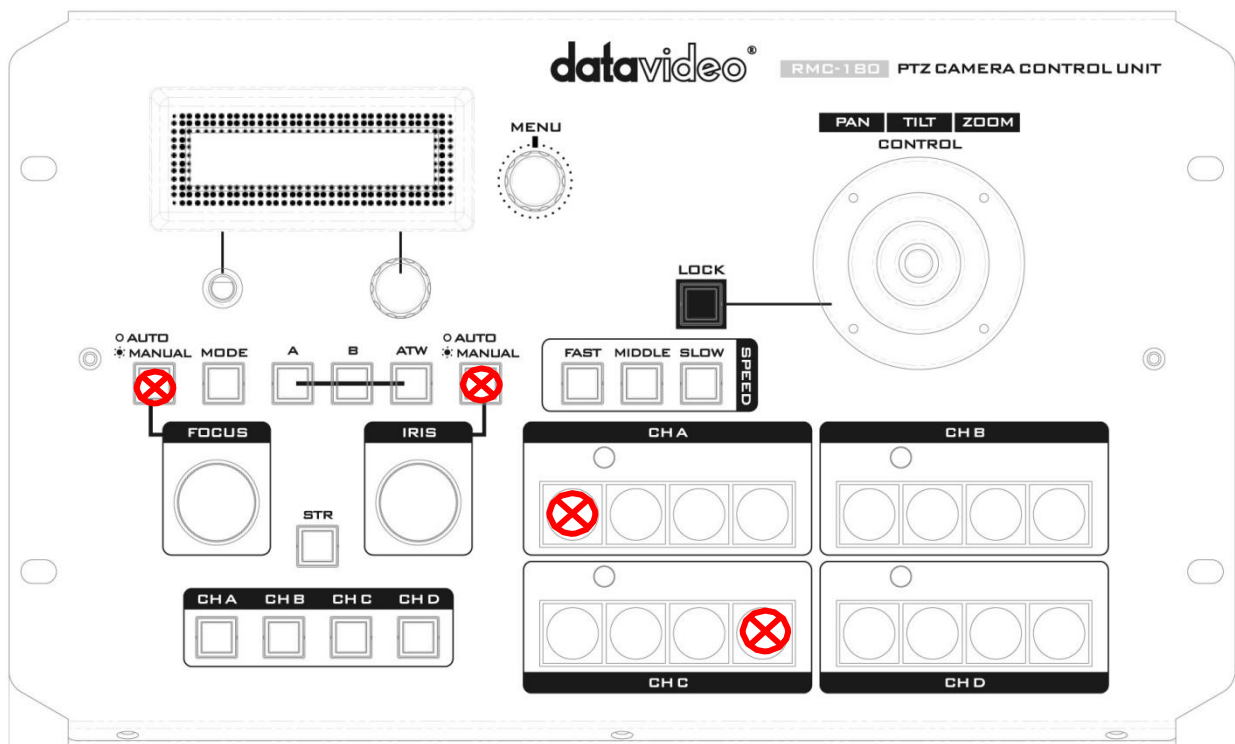
- Latest firmware update files (bootloader and application firmware)
- A USB A to USB A cable not longer than 2 meters
- A Windows PC with USB 2.0 ports


2. Procedure

1. Power off the RMC-180 and connect the USB A cable between the USB firmware upgrade

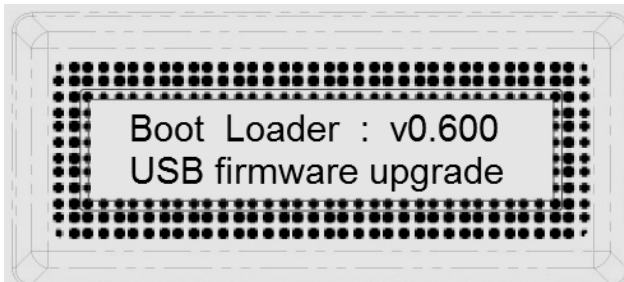
port  on the RMC-180 rear panel and a USB port on the computer

2. Press and hold the four buttons indicated with  at the same time

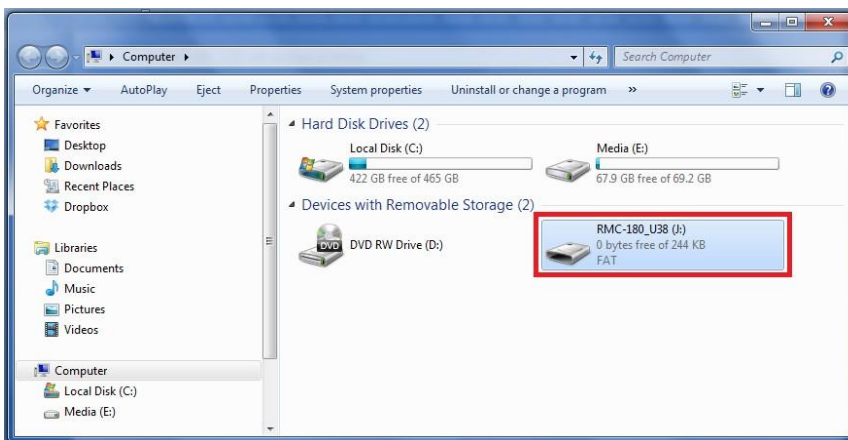


3. With an assistant's help, one person switches on the RMC-180 device while another person presses and holds the buttons indicated with 

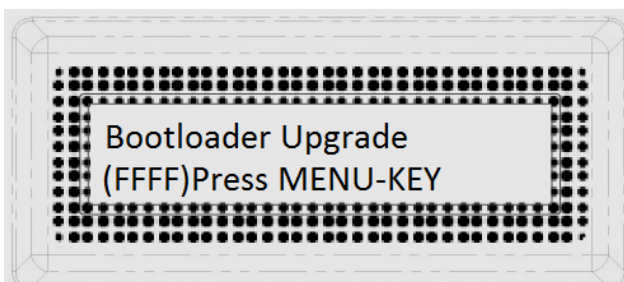
- The user may release the buttons once the RMC-180 LCD displays the following information.



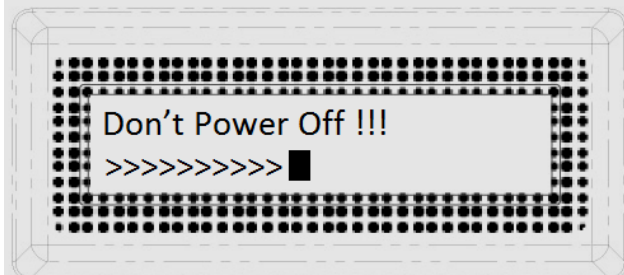
- The RMC-180 device (**RMC-180_U38**) will appear as a removable storage device on the PC as shown below.



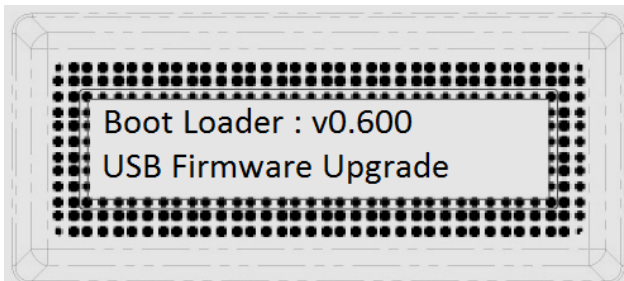
- Double click on the RMC-180_U38 removable storage device and delete the "bootcode.bin" file
- Copy and paste the latest firmware file (bootcode.bin) into the RMC-180_U38 removable storage device
- Reboot the RMC-180 device until the LCD displays the following




9. Press the MENU key to start the firmware upgrade and do not disconnect the power before the upgrade is complete



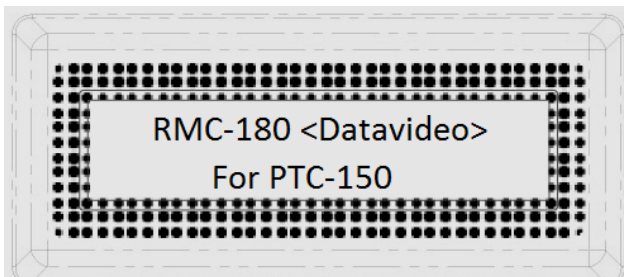
10. After the bootloader firmware upgrade is complete, the LCD display will show the following and the user may proceed to upgrading the application firmware.



11. Remove bootcode.bin from the RMC-180 device and copy and paste the application firmware into the RMC-180 device

Name	Date modified	Type	Size
 RMC180_PTC150_1v002	2015/5/14 下午 0...	BIN 文件	76 KB

12. Reboot the RMC-180 device again and the LCD display will now show the following.



13. The RMC-180 device is now ready for controlling the connected cameras.