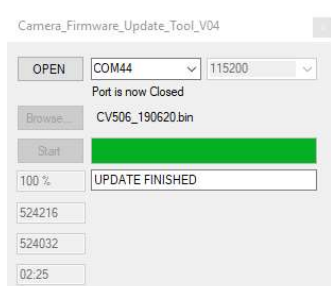
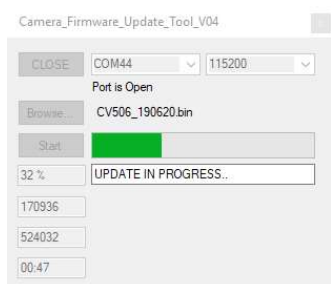
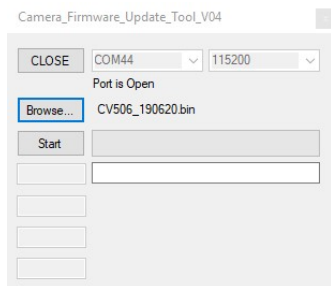
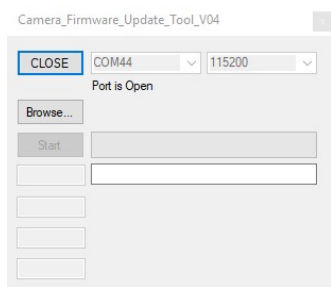
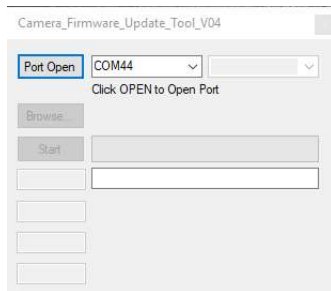


Firmware Update Instructions

Listed below are detailed instructions on how to upload new firmware to Marshall CV503/CV506/CV344/CV346 Cameras using PC or laptop computer and USB to micro-USB cable.



1. Download "Camera_Firmware_Update" Folder to desktop on your computer which includes:
 - a. Firmware Update Instructions
 - b. Camera_Firmware_Update_Tool (APP)
 - c. Firmware Update ".bin" files (actual firmware files)
2. Load the Camera_Firmware_Update_Tool (APP) onto your PC or laptop.
3. Obtain a standard USB to Micro-USB cable that will link computer (USB) to camera (micro-USB).
4. Plug in micro USB side of cable to the SERVICE Port on rear panel of camera being updated, then plug in standard USB side to computer or laptop.
5. Open the Updater APP tool and select COM port being used and click Port Open. COM port# might populate automatically depending on computer used once USB cable is plugged into computer USB port.
6. Click Browse button in Camera_Firmware_Update APP and locate and select the corresponding ".bin" file specific to model being updated; CV506, CV344, CV346, or CV380. Model numbers can be found on side of camera below Marshall logo.
7. Start firmware update by clicking **Start** and firmware will start updating.
8. When update is completed it will show **FINISH** below progress line.
9. Remove USB micro cable from Service Port on rear camera, close APPS.
10. Power-cycle camera.
11. Leave the camera on for 1 minute in normal operation.
12. If the firmware update is successful, a video image will display onscreen.
13. Adjust camera back to preferred resolution from default 1080p30fps.
14. Check the firmware version from OSD menu under SETUP > SYSTEM INFO to make sure firmware version firmware loaded.
15. If you have any questions, please feel free to contact Marshall Camera Support.

