![Marshall BROADCAST & PRO AV]

Firmware Update Instructions (CV503, CV506, CV566, CV568, CV344, CV346, CV355-10X, CV366, CV368, CV380)
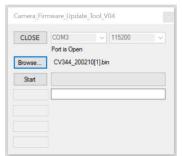
Listed below are detailed instructions on how to upload new camera firmware to the above mentioned camera models.

1. Download and install "Camera_Firmware_Update_Tool" program to laptop or computer from specific Marshall product webpage *only*, corresponding with camera model you are updating.

2. Download and save Latest Firmware (.bin) file to your desktop pertaining to camera model you are updating - make sure you save it in a location that you can access later in Update Tool "Browse" firmware search.
   **Make sure firmware FILE matches camera MODEL updating.
   **Make sure Camera ID# in camera OSD Menu is set to one (1).

3. Plug camera into power source, so Camera is ON and red-light indicator is illuminated.
4. Source a micro-USB cable (standard USB A-type to micro-USB B).
5. Plug in micro-USB side to the Service Port on rear panel of the Camera.
6. Plug in standard USB side to computer or PC used to update firmware.
7. Open the Update Tool and select COM port used and push **OPEN**.
8. Push Browse button to find firmware ".bin" file downloaded to your desktop and select the firmware file.
   **Make sure firmware FILE matches camera MODEL updating.

9. Start firmware update by pushing **Start** and firmware will start updating.
10. When update is completed, it will show 100% complete in progress and **UPDATE FINISHED** below progress line.
11. Remove USB micro cable from Service Port on rear camera.
12. Please note on the first reboot after firmware update, there might be no images on screen for about 1 minute while booting new firmware.
13. Leave the camera on for 1 minute in normal operation.
14. If the firmware update is successful, an image will display onscreen.
15. Adjust camera back to preferred resolution from default (1080p30fps).
16. Check the firmware version from OSD menu under SETUP > S/W Ver, to make sure firmware version matches latest version attempted to upload.
17. If you have any questions, please feel free to contact Marshall Camera support at 800-800-6608.