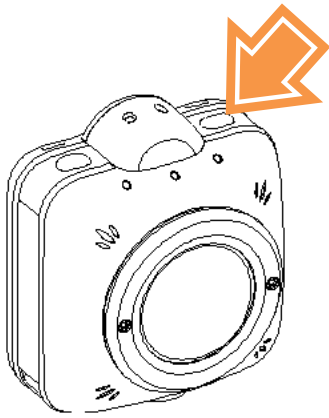


QBiC MS-1 Firmware update procedure

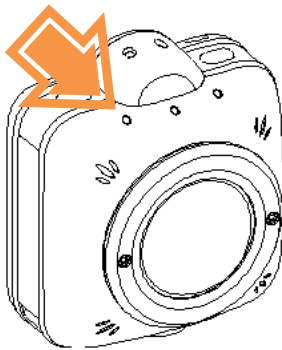
2013-12-18

Step1. Check the version of your camera

- Press the power button to start MS-1.



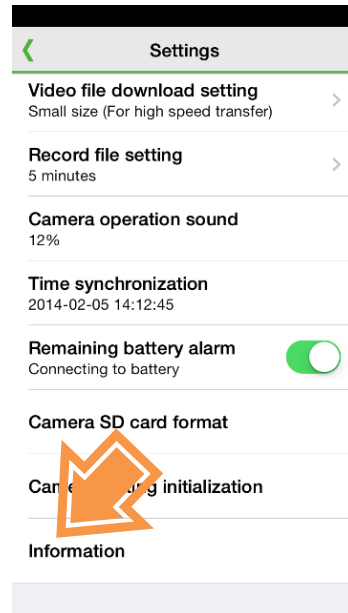
- Verify that WiFi LED is on. If WiFi LED is off, press the WiFi button and wait until WiFi LED turns on.



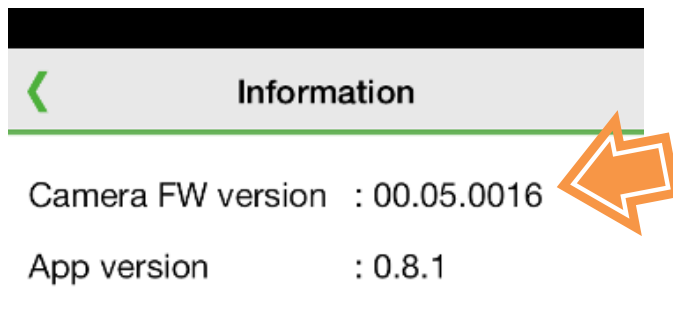
- Connect your smartphone to MS-1 through WiFi setting of your smartphone.
- Start "QBiC APP". Verify that Live View is displayed correctly.



- Select “Information” in the “Detail” menu of the app.



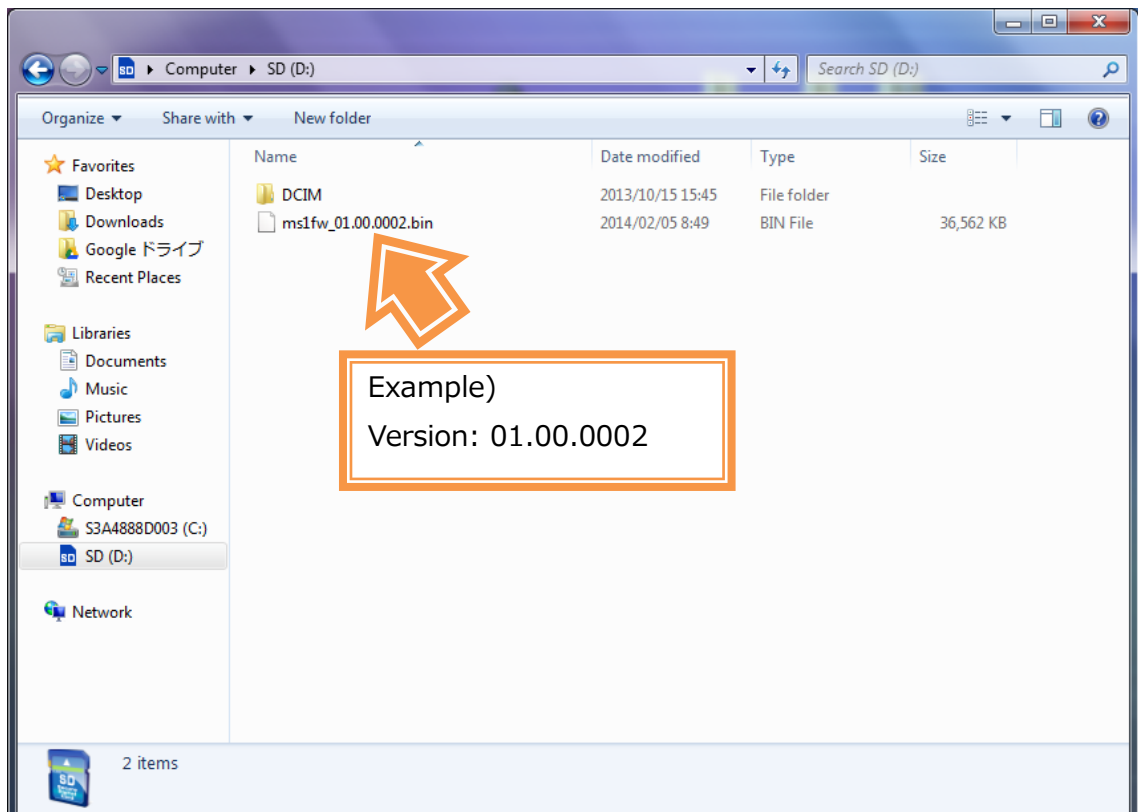
- Version information will be displayed. If the FW version of your camera is not the latest one, proceed to Step2 to update it.



Step2. Preparation

- Copy the latest FW file to the root folder of the microSD(SDHC, SDXC) card.

FW file name: ms1fw_**.**.****.bin (**.**.**** indicates the version.)



Step3. Firmware update



MS-1 needs to have enough battery charge to update its FW.
Use the AC adapter when the battery charge is low.

- ① Verify that the power of MS-1 is off. When the power is on, press the power button to power off MS-1.
- ② Insert the microSD card to the card slot of MS-1.
- ③ Press the power button to start MS-1.
- ④ LED in the left will turn green. The update process will start.
- ⑤ 3 LEDs will turn green. MS-1 will automatically restart.
- ⑥ Then MS-1 will restart again. (In other words, MS-1 will restart twice.)
- ⑦ The update process will complete when Power LED (in the center) and WiFi LED (in the left) turn after the second restart.
- ⑧ Power off MS-1 and remove the microSD card.
- ⑨ Verify that the FW version is the latest one.



The camera will automatically do the update from ③ to ⑦. Please do not touch any button of the camera during the update process.