

## How to manually upgrade the firmware of the Tapo Camera with a microSD card?

*Note: you will need a microSD card in order to upgrade your Tapo Camera in this way.*

Please follow the below steps to upgrade the firmware of your Tapo Camera:

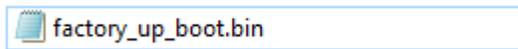
**Step 1.** Format your MicroSD card through a computer.

Take a Windows PC as an example, you can insert the microSD card into your computer (with an SD card reader), download and install the '[Panasonic SDFormatter.exe](#)' on your computer, and then format the microSD card via the Panasonic SDFormatter program. (The SDFormatter.exe will automatically detect the microSD card inserted, just click on Format and ensure it is formatted successfully.)

**Step 2.** Click on the model number to download the corresponding firmware for your camera.

[Tapo C100 V1](#), [Tapo C200 V1](#), [TC60 V1](#), and [TC70 V1](#).

**Step 3.** Unzip the firmware and you will see a .bin file, then please change the firmware name to 'factory\_up\_boot'.



**Step 4.** Copy and paste the 'factory\_up\_boot.bin' file from the downloaded folder to the microSD card.

**Step 5.** Ensure the Tapo Camera is powered on, then insert the microSD card into the camera.

**Step 6.** Power off the camera and wait for a few seconds, then power it back on.

**Step 7.** Wait patiently and you will see the system LED changing from red to blinking green quickly then becomes solid green, which means the upgrade succeeds.

**Step 8.** Wait for a few seconds more and pull out the microSD card from the camera.

**Step 9.** Power off the camera again and wait for a few seconds, then power it back on.

If you want to continue using the microSD card later, please format the microSD card again on the computer (Repeat step 1) and make sure the 'factory\_up\_boot.bin' file is deleted. If not, delete it manually.

**Step 10.** Insert the microSD card back into the camera and power off then on the camera again, format the microSD card via the Tapo APP (ensure its status is good), and check if everything will be good now.