


OS Image (.fw) Writing in to Micro SD Card

On Windows PC:

- You can download the latest sparky OS zip/tar file from Sparky website and extract to the local folder.
- Download the windows flashing tool IH FW Burning Tool V2.01 from sparky website.
- Format the SD card (8GB or higher) using SD Formatter Tool V4.0. Refer [Memory card Format steps](#).
- Run the Flashing tool as administrator, click on {  } to select the extracted image file (sparky_os_sd_version.fw) to flash. Refer [Image flashing steps](#).

Memory card Format steps:

Insert MicroSD card into your computer SD card slot or use with Memory card reader.

Format the Micro SD card using SD Card Formatter 4.0 Version as shown below.

Start the tool as Administrator (Select appropriate Drive before formatting)

In the "Options" menu, set "FORMAT TYPE" option to QUICK, set "FORMAT SIZE ADJUSTMENT" option to "ON". And then click "OK" to finish options setting and click "Format" to format SD card. After formatting completion you will get indication showing that formatting successfully completed.

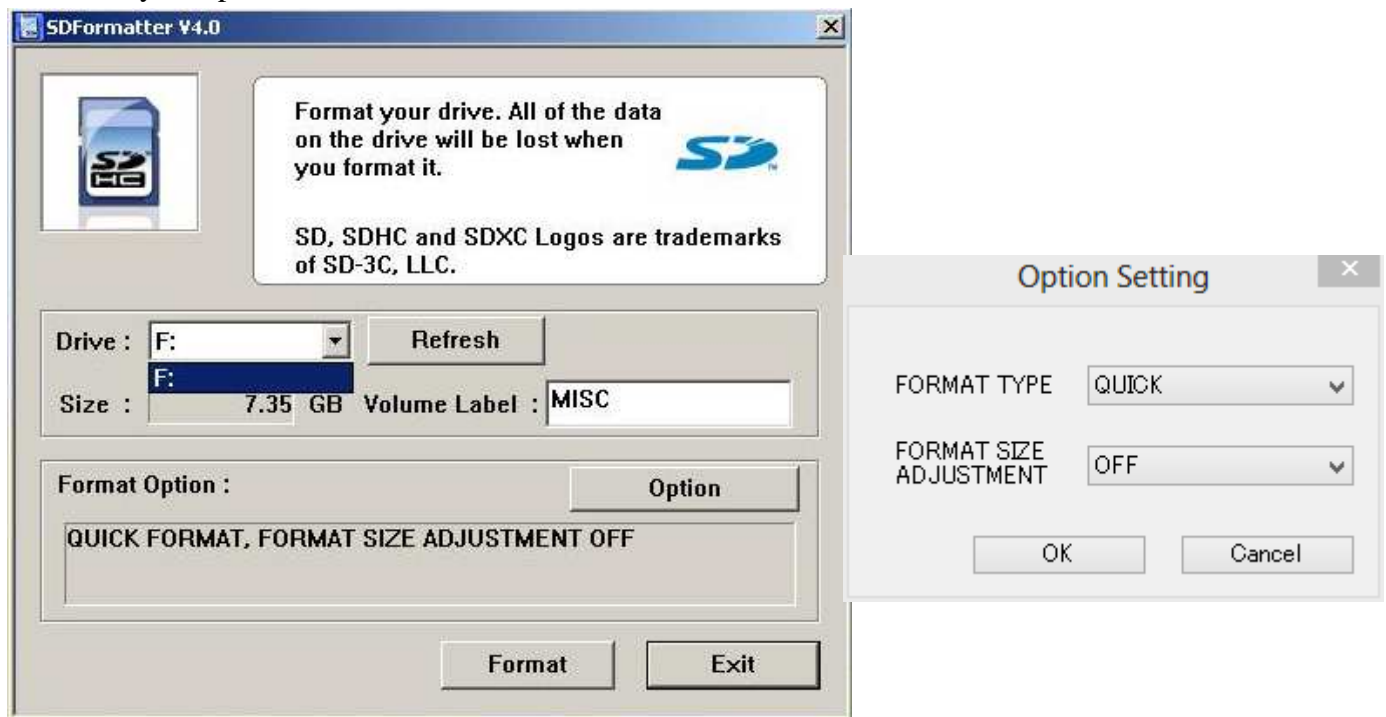
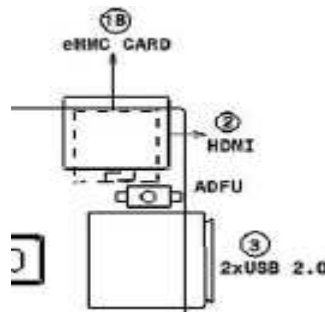



Image flashing steps :

- 1) Run the flashing tool and select Image.
- 2) Insert blank (formatted) Micro SD card to Sparky MicroSD slot.
- 3) Hold ADFU button and power on sparky -Hold ADFU button for 5-10 seconds minimum during power on to enter the flashing mode.



- 4) Connect USB cable to **USB 3.0** port and computer USB port. USB detects and shows READY as shown in figure below. Click on Down {  } button and Wait patiently to successfully complete the writing

