

Updating SLCD firmware from SD card

SLCD provides a way to update on-board firmware using the SD card slot. Below is the description of steps required to perform an update.

Step 1. Prepare the SD card

On power-on, the SLCD bootloader program checks if an SD card is present, and if so, looks in the root directory for a file with the name:

```
app?????.bin
```

where '?' is any character. If it finds this file, it compares the version of the firmware on SD card with the current firmware. If they are different, it initiates a firmware update. Once the firmware has been upgraded it starts running. To force an update (ignore the version), place a non-null text file called "LOADFW.INI" in the root directory.

Example contents of the SD card:

Name	Date modified	Type	Size
dir1	9/7/2023 11:05 AM	File folder	
dir2	9/7/2023 11:06 AM	File folder	
app_091_alpha.bin	7/23/2024 3:12 PM	BIN File	2,279 KB
loadfw	5/24/2024 3:31 PM	Configuration sett...	1 KB

Step 2. Insert the SD card

Locate the SD card slot on SLDC and insert the card until click:



