LPU237 & LPU238 Update program User manual

V1.4

This document describes how to use "updater" program that change the firmware of LPU 237.

Files information.

File name	Folder	description
lpu230_update.exe	-	"updater" execution file.
ng_DDL_hid.dll	same folder to lpu203_update.exe.	The library file of "udater.
tg_rom.dll	same folder to lpu203_update.exe.	The library file of "udater.
*.rom	same folder to lpu203_update.exe.	this rom-file contains the firmware of lpu237.

Command line options.

option	function	example
-h	Display help-dialog.	> lpu230_update -h
-q	"updater" does not display a graphic user interface . but generate log-file.	> lpu230_update -q
-qa	"updater" does not display a graphic user interface . And dose not generate log-file.	> lpu230_update -qa
-mmd1100_iso_mode	After updating the firmware, change the MMD1100 to ISO mode.(from v1.4) -q or -qa options can also be used together. This option is only available on lpu237.	> lpu230_update -mmd1100_iso_mode
-mmd1100_binary_mode	After updating the firmware, change the MMD1100 to binary mode.(from v1.4) -q or -qa options can also be used together. This option is only available on lpu237.	> lpu230_update -mmd1100_binary_mode

- If not used a options, "updater" display a graphic user interface . and generate log-file.

- The log-file of "updater" generates in the same folder to lpu230_update.exe. The name of log-file formt to MMDDhhmmss.txt.(MM – months 2 digits, DD - days 2 digits, hh - hours 2 digits, mm - minits 2 digits, ss - seconds 2 digits)

- If there are multiple ROM files, they are sorted in descending order by filename, and the first ROM file is used.

- Waring, Once executed with either -mmd1100_iso_mode or -mmd1100_binary_mode, the functionality of the magnetic card reader component is altered, and this change cannot be reversed.

history

- 2019.12.03 – the first release. V1.0
- 2022.11.08 – v1.1 : For supporting system structure 4.0.
- 2023.07.20 – v1.2 : For supporting, lpu238 firmware.
- 2023.10.24 – v1.3 : For supporting, i-button range funcationality.
- 2024.02.26 – v1.4 : For supporting, -mmd1100_iso_mode and -mmd1100_binary_mode options.