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About mapper

this application is provided for changing lpu237 product configuration.

Platform

android version 6.0.

API level 23.

1024 x 768 resolution POS terminal with USB Host.

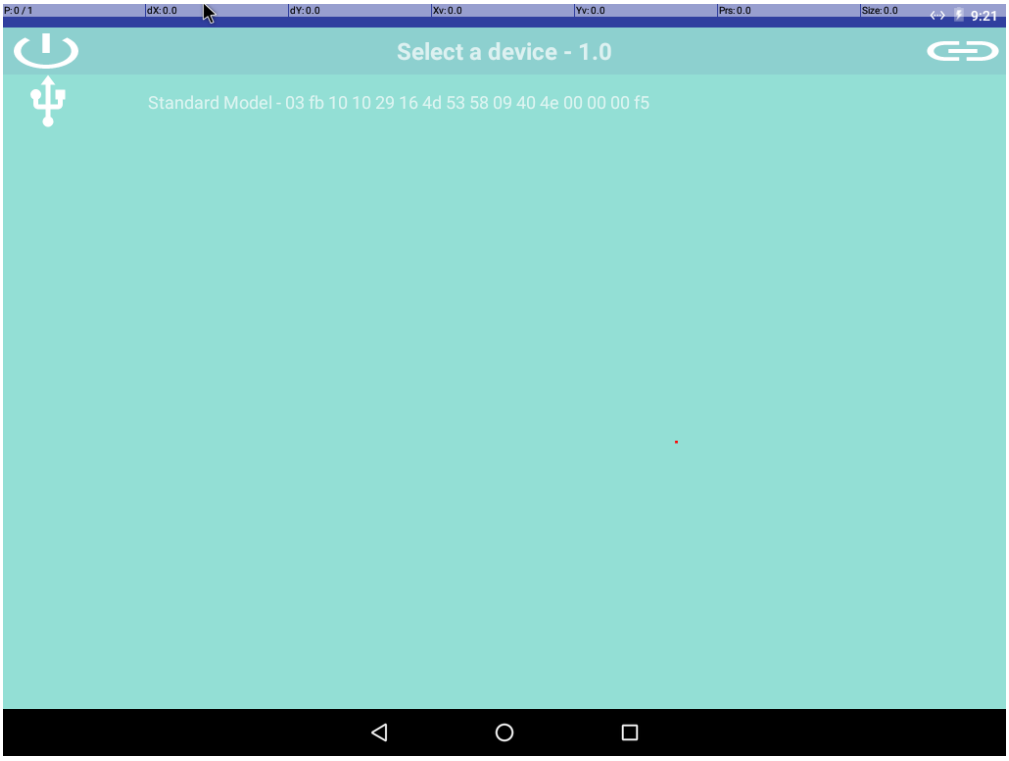
limitation

Supports a single device.

Supports English language only.

Using

Run "lpu237 mapper".

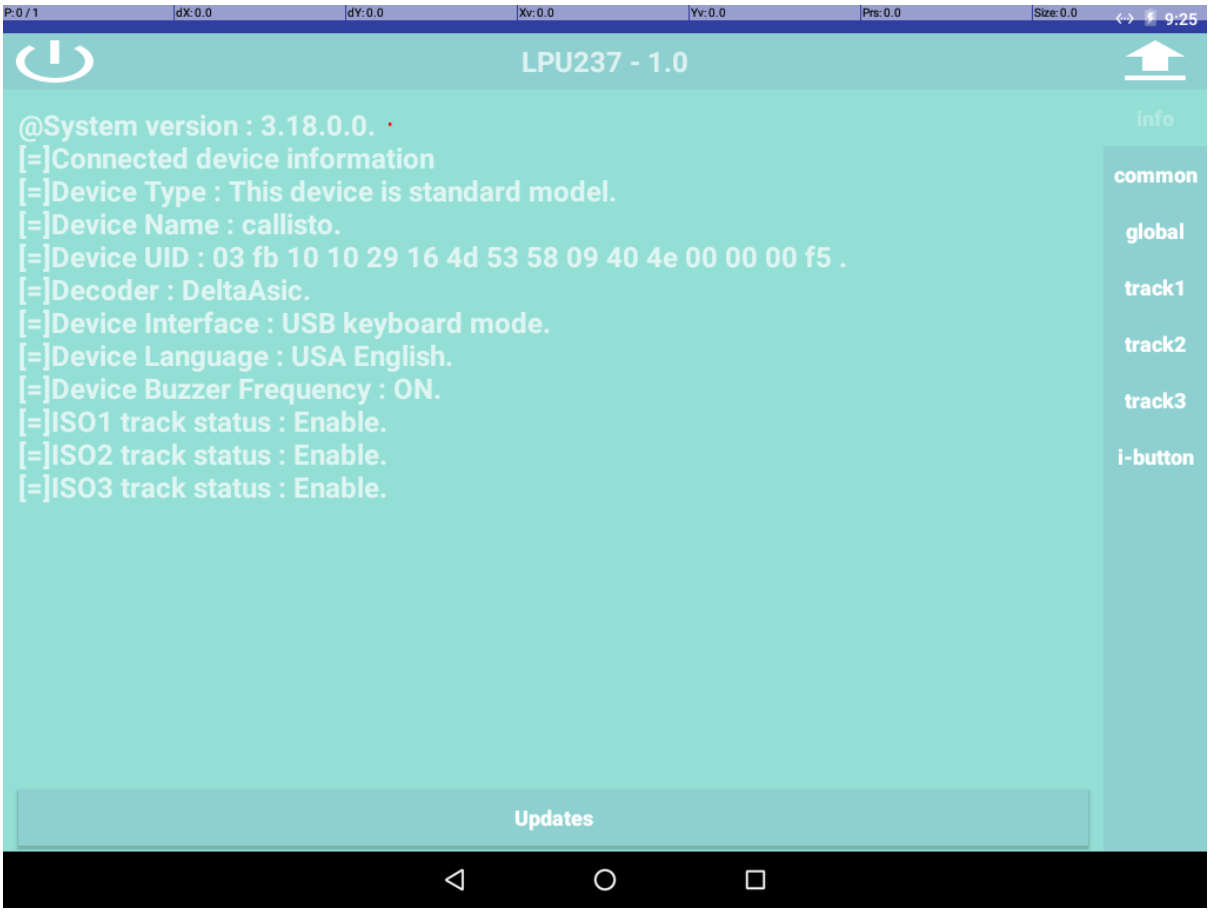


Picture 1 - StartupActivity.

selects a device in list-view. or press "connect button"[1] to configurate a lpu237.

if lpu237 is connected normally, "MainActiviy" will be started.(Picture 2)

[1] top-right button in StartupActivity.



Picture 2 - the info tab of MainActivity.

the MainActivity is composed of header area and 7-tab pages.

In header area, For closing activity,"close button"[2]. For saving the changed parameters, "save button"[3]

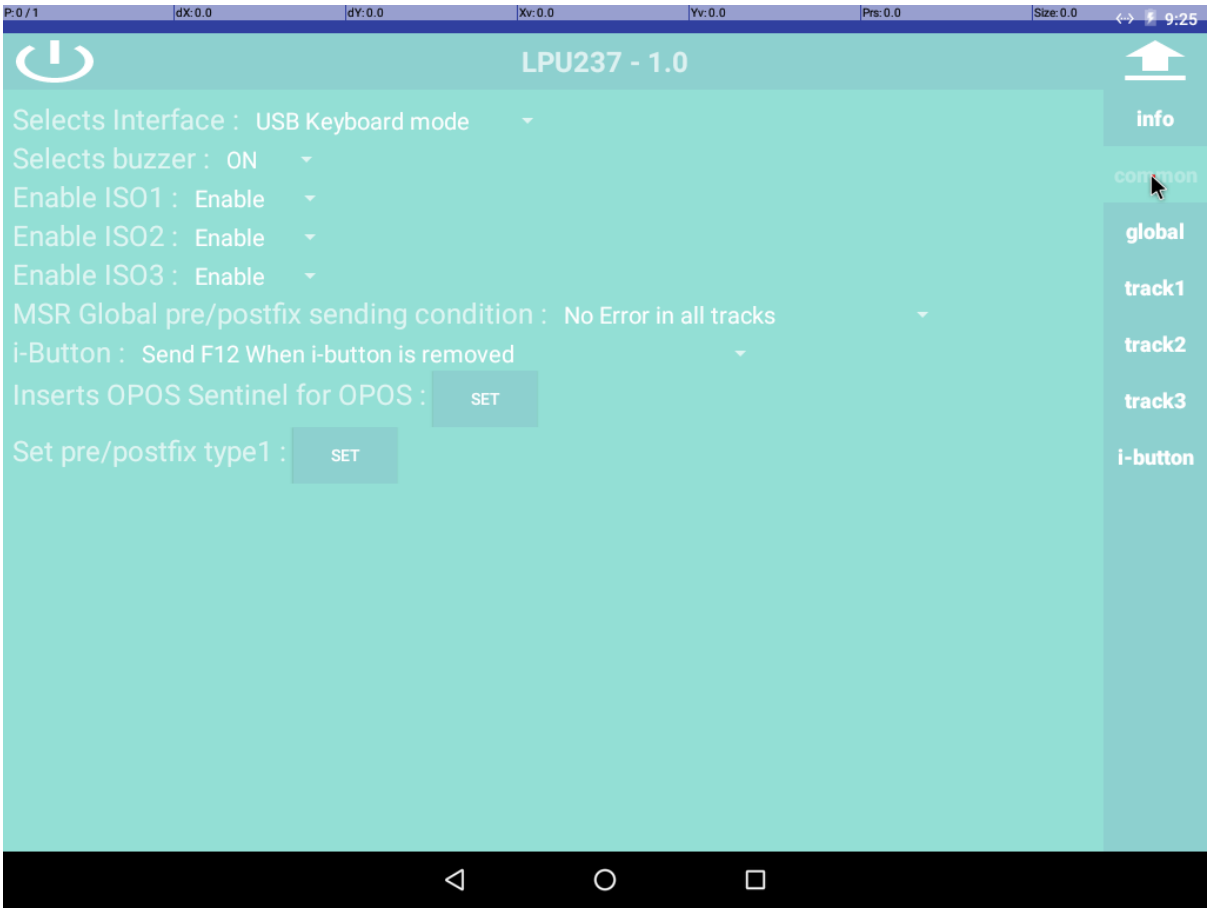
At starting, it selects the info-tab automatically. the info-tab displays the information of the selected lpu237.

the info-tab of MainActivity.

In this tab, you can see the information of selected lpu237, and update a firmware by "Updates button".

[2] top-left button in all activity.

[3] top-right button in MainActivity.



Picture 3 - the common-tab of MainActivity.

the common-tab of MainActivity.

"Selects Interface" spinner – change a interface between host and lpu237.

"Selects buzzer" spinner – enable /disable the buzzer sound of lpu237.

"Enable ISO1" spinner – determine whether sending or not a ISO1 track data of a magnetic card.

"Enable ISO2" spinner – determine whether sending or not a ISO2 track data of a magnetic card.

"Enable ISO3" spinner – determine whether sending or not a ISO3 track data of a magnetic card.

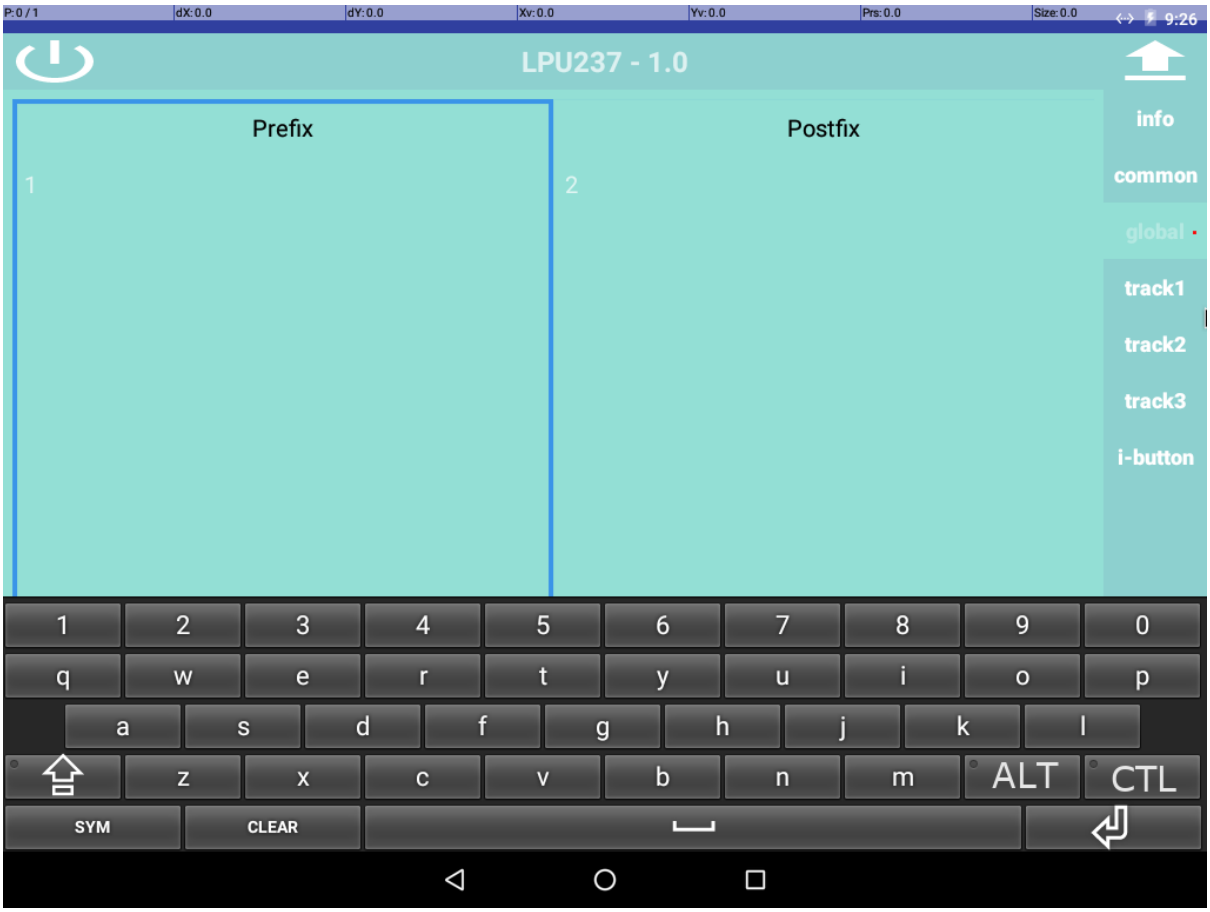
"MSR Global pre/postfix sending condition" spinner – changes the sending condition of the global-tab pre/postfix.

"i-Button" spinner – change a i-button mode.

the "SET" button of "Inserts OPOS sentinel for OPOS" – remove all private-pre/postfix. and add STX of each track to private-prefix. add ETX of each track to private-postfix.

the "SET" button of "Set pre/postfix type1 : add STX of each track to private-prefix. add ETX of each track to private-postfix.

To save the changed parameter, press "save button".



Picture 4 – the global-tab of MainActivity.

the global-tab of MainActivity.

If you want to change the global prefix, selects the Prefix area, and select a key of bottom virtual keyboard.

If you want to change the global postfix, selects the Postfix area, and select a key of bottom virtual keyboard.

the maximum number of each global pre/postfix is 7.

To save the changed parameter, press "save button".

Picture 5 - the track1-tab of MainActivity.

the tack1~3-tab of MainActivity.

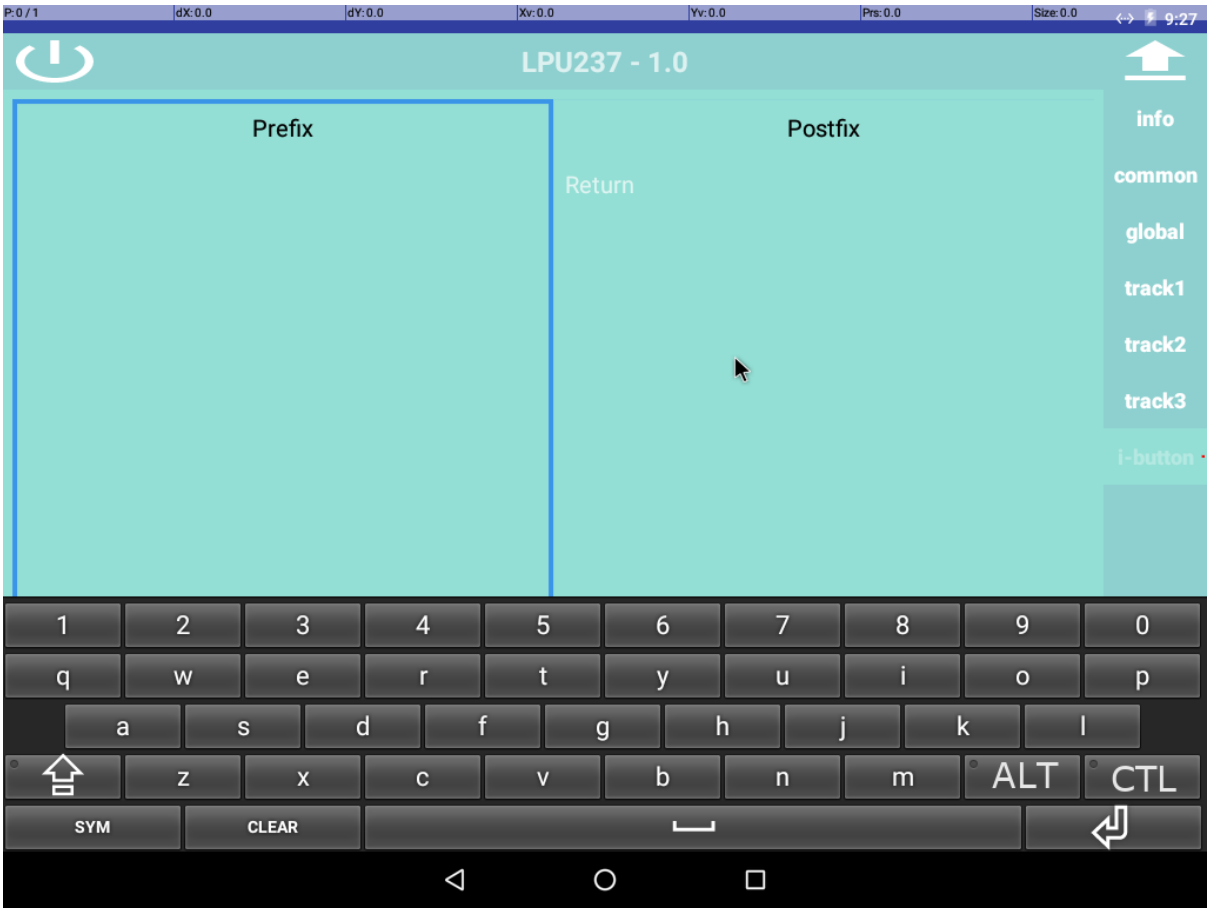
To change each track's private-pre/postfix, select "track1-tab" , "track2-tab" or "track3-tab".

If you want to change the private prefix, selects the Prefix area, and select a key of bottom virtual keyboard.

If you want to change the private postfix, selects the Postfix area, and select a key of bottom virtual keyboard.

the maximum number of each private pre/postfix is 7.

To save the changed parameter, press "save button".



Picture 6 - the i-button-tab of MainActivity.

the i-button-tab of MainActivity.

if your mode supports i-button interface, you can select this tab.

If you want to change the i-button prefix, selects the Prefix area, and select a key of bottom virtual keyboard.

If you want to change the i-butto postfix, selects the Postfix area, and select a key of bottom virtual keyboard.

the maximum number of each i-button pre/postfix is 7.

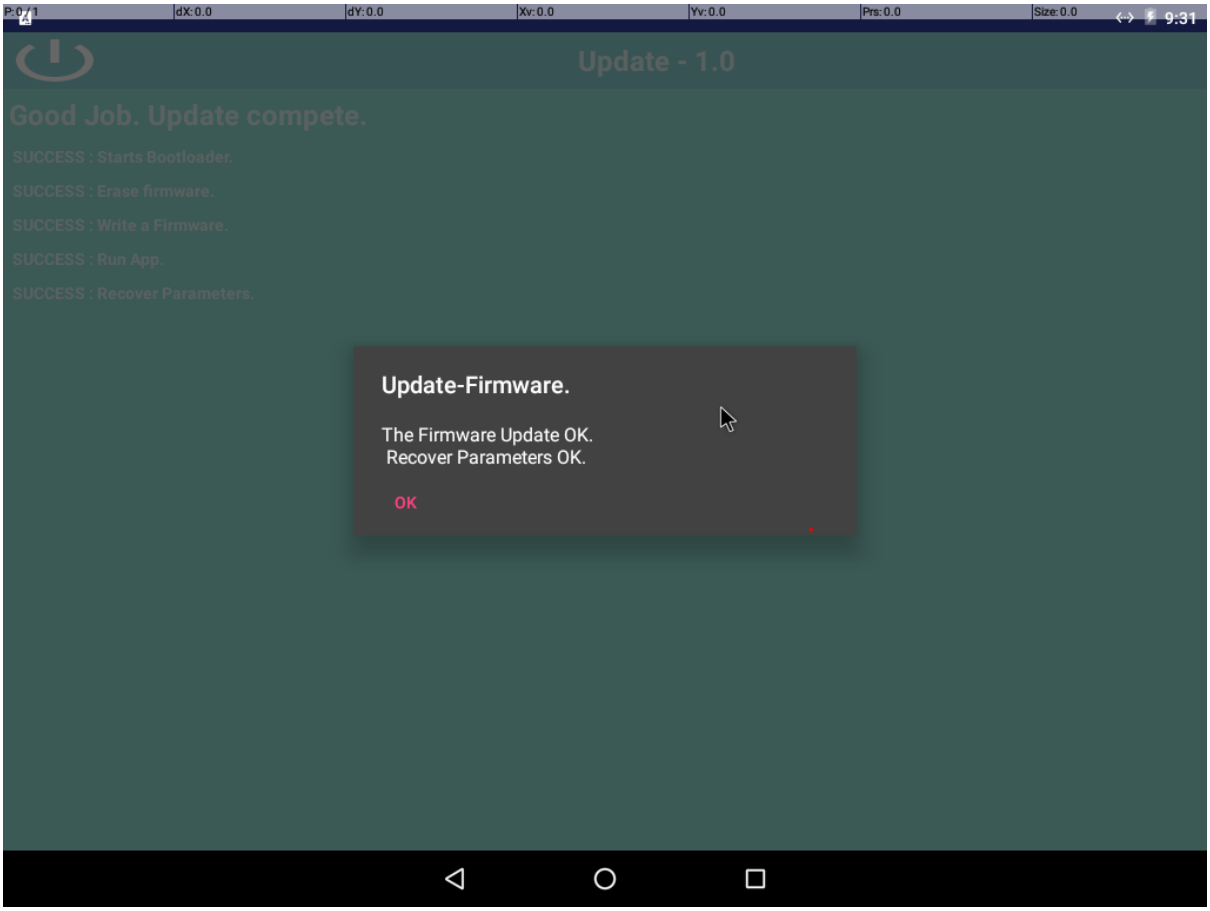
To save the changed parameter, press "save button".

To update a firmware.

select the info-tab of MainActivity.

select "Updates button", File-selection dialog will be displayed.

select a rom file. then will be stared the process of firmware-update with UpdateActivity.



Picture 7 - complete update-process in UpdateActivity.

press "OK button" in Picture7, StartupActivity will be display, then you can select a lpu237 in the list-view in StartupActivity as like Picture1.