Release Note

ID Screen/ID Screen US - Firmware S10-U (no GMS)

For online updates (latest firmware): please connect to our web site
https://biometricdevices.idemia.com

For support, please contact our hotline: support.bioterminals@idemia.com

1 Applicable models

S10-U firmware version concerns ID Screen non-iris model and ID Screen US.
Caution: Downgrade capability is not possible

2 Current revision

2.1 Firmware version S10-U

2.1.1 Evolutions

New features

Support of the LTE bands for the 4G US network (only for ID Screen US)

Enable double tap on screen to wake up tablet

New hardware support

Support of ID Screen US specific hardware

Certification

- PTA (Pakistan) eLabel added for ID Screen
- Only FCC eLabel is displayed for ID Screen US

2.1.2 Bugs fixed

Fix NFC issues for passport and identity cards reading

Other minor fixes (wifi)

2.1.3 Identification of ID Screen/ID Screen US hardware revision

The product hardware revision is identified by 2 items ("VER" & "Rev") displayed on the IMEI label available on the back cover of the ID Screen/ID Screen US tablet.
As shown on the below example:

2.1.4 Compatibility with hardware

S10-U firmware is compatible with "ID Screen non-iris 16G", "ID Screen non-iris 32G" and "ID Screen US" tablets.

2.1.5 Firmware upgrade methods

Warning: tablets which have an unsecured firmware **M0X-U, M0X-GE or M0X-GW** (where 0X is the firmware version) and which need to be upgraded to the **S10-U** secured firmware **MUST** be migrated to the S08-U firmware before being upgraded to the S10-U firmware by applying the following methods. Migration is only possible from an **external storage**. For more information, please refer to the migration guide available on our web site.

Prerequisites:

- A firmware upgrade, which must be a zip file named IDScreen_firmware_update-X.zip, where X is firmware version.
- A FAT formatted micro SD card or USB key.

- ID Screen/ID Screen US should have more than 20% charge left on the battery.

Several methods are available to upgrade ID Screen/ID Screen US's firmware:

1. From Android
   - Switch on ID Screen/ID Screen US.
   - If using an external storage
     o Copy firmware upgrade in micro SD card or USB key root folder.
     o Insert micro SD card in ID Screen/ID Screen US or insert USB key in USB side port.
   - If using Android internal storage
     o Copy firmware upgrade from your computer or any other device to ID Screen/ID Screen US root folder. If transferring upgrade package from a computer, it will require to enable file transfer. To do so:
       ▪ Open Settings, go to Connected devices
       ▪ Click on USB
       ▪ In Use USB for section, enable File Transfer
   - Open *Settings*, go to *About tablet / Software updates*.
   - Click on *Check for updates*
     A list should display all firmware updates locally found by ID Screen/ID Screen US.
     If your update file isn't displayed, please make sure that a file named *IDScreen_firmware_update-X.zip* (X is firmware version) is present in the internal storage of the tablet, or in inserted micro SD card or in plugged USB key.
   - Select your firmware update in the list and confirmupdate.
   - ID Screen/ID Screen US will reboot and upgrade its firmware.

2. From Recovery mode
   - Switch off ID Screen/ID Screen US.
   - While pressing Volume+ button, power on the device by also pressing the Power button.
   - When IDEMIA logo appears on screen, release the two buttons. Android Recovery menu will then show up.
   - If using an external storage
     o Copy firmware upgrade in micro SD card or USB key root folder.
     o Insert the micro SD card or the USB key.

- o Select the appropriate option (between SD card and usb storage) by using Volume+/- to move up and down in the menu, and Power button to select an item.
  - o Then, find your firmware update in the list and start the update by pressing the Power button.
- If using your host machine (Windows / Linux PC) with adb
  - o Connect ID Screen/ID Screen US to your host machine
  - o On ID Screen/ID Screen US, in recovery menu, select Apply update from ADB
  - o From hostmachine, run following ADB command line :
    $ adb sideload IDScreen_firmware_update-X. zip
- After the upgrade, ID Screen/ID Screen US will stay in Android Recovery. You can then select Reboot system now to start Android.

Warning:

- Do not remove SD card or USB key during upgrade since it might damage ID Screen/ID Screen US.
- Do not plug anything on USB type C port while upgrading from USB key since it might interrupt upgrade and damage ID Screen/ID Screen US.
- Factory reset is required if updating from no GMS to GMS firmware, or from GMS to no GMS firmware.

2.1.6 Known issues

Camera

Camera advanced features not available

Contact smartcard

Unusual smartcards may be not well supported

Battery

"Limit Maximum Charging" feature may not work properly in some cases

2.1.7 Limitations

This version does not include the Google Applications / no GMS

Please check on https://biometricdevices.idemia.com/s/id-screen and download latest version of firmware: SXX-GW.

3 Previous revisions

3.1 Firmware version S08-U

3.1.1 Evolutions

New features
Advanced security features

New hardware support
None

Certification
New elabel : BIS

3.1.2 Bugs fixed
Minor fixes (LED & smartcard)

3.2 Firmware version M07-U

3.2.1 Evolutions

New features
Improvement of manual flash management

New hardware support
None

Certification
New elabel : ICASA

3.2.2 Bugs fixed
ADB sideload failure

3.3 Firmware version M06-U

3.3.1 Evolutions

New features

Improvement of contact card driver

New hardware support

None

Certification

None

3.3.2 Bugs fixed

Correction of some issues (LED API & wired connection detection).

3.4 Firmware version M05-U

3.4.1 Evolutions

New features

None

New hardware support

None

Certification

None

3.4.2 Bugs fixed

Correction of all issues in Ethernet menu and settings.

3.5 Firmware version M04-U

3.5.1 Evolutions

New features

None - First version of firmware.

New hardware support

None - First version of firmware.

Certification

None - First version of firmware.

3.5.2 Bugs fixed

None - First version of firmware.