Updating

Tiger City IMX Industrial Computer with Linux OS

System Image

A system image (`.swu` file) is required for the update. The image is protected by the image checksum and by the image signature. That means a modified image will not be accepted by the device. Only images from our source allow for updates. It is possible to transition from older images to newer ones and vice-versa.

There are several ways to update Tiger:

- through the Tiger console using a file on internal or external storage (eMMC or USB drive),
- through the Tiger console using a file from an external server (FTP or HTTPS),
- via the built-in update server.

The first two options require access to the console (username and password). The third option does not require a password for the device.

Storage (eMMC or USB drive)

1. Login to the device console
2. Insert external storage or copy the file to Tiger's storage.
3. In the console, type `swupdate -i <filename.swu> -k /etc/default/rsakey.pub`.
4. The update will proceed automatically.

External Server (FTP or HTTPS)

1. Login to the device console
2. For an FTP server, type `swupdate -d -u ftp://<target_ip/file.swu> -a <user>:<password>`.

3. For an HTTPS server, type `swupdate -d -u https://<target_ip/file.swu> -k /etc/default/rsakey.pub`.
4. The update will proceed automatically.

Built-in Update Server

1. Connect the device to the network.
2. Launch a browser on a PC.
3. In the browser, enter `http://<target_ip>:8080`.
4. Select the `.swu` file from the PC storage and confirm the selection.
5. The update will proceed automatically.

> Warning! Update files are the default version of firmware. All updates factory reset the device. Make sure you backup all of your important files.

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