FM GUARD UPDATER TOOL GUIDE

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CHAPTER I: INTRODUCTION

Thank you for purchasing the PICOBOX Facility Management Controller (FM Guard).

FM Guard is an industrial DIN rail device used as remote surveillance, or as a low-priced autonomous system, which monitors and controls different process on distant localities. This device is powerful, easy to configure, and to install.

FM Guard uses two methods to update the firmware: First is through *online update* wherein the FM Guard must be connected to internet; Second is through *direct update* or through the *FM Guard Updater Tool* wherein the FM Guard must be connected directly to a laptop or a PC via debugging cable.

This manual will serve as a guide on how to update FM Guard's firmware using the **Updater Tool**.

CHAPTER II: FM GUARD UPDATER TOOL

FM Guard updater is a tool used to directly update the FM Guard's firmware. This tool can be downloaded on our website, https://linkwisetech.com. The updated tool is an executable file and it doesn't require any installation.

A USB A to mini–USB B cable is needed to connect the FM Guard directly to laptop or PC (please note that this is included together with the FM Guard device upon purchase).

Image 1: USB A to Mini-USB B

CHAPTER III: FIRMWARE UPDATE

Downloading the tool and firmware

In order to update the FM Guard to its latest version, the Updater tool and firmware must be downloaded first. You may access it on our website, just go through the 'Products' link then click the FMGUARD section or you may use this link: https://linkwisetech.com/products/facility-monitoring-system/picobox/fm-guard/.

Connecting the FM Guard device to your computer

From your laptop/PC, plug the USB A to mini–USB B cable to the FM Guard device and laptop/PC to build a connection.

FOR DIRECT FIRMWARE UPDATE

*Image 2: FM Guard Bottom View*

Running the Updater Tool

After downloading the tool and firmware and connecting the FM Guard to you laptop/PC, extract the downloaded Updater tool and run the executable file.
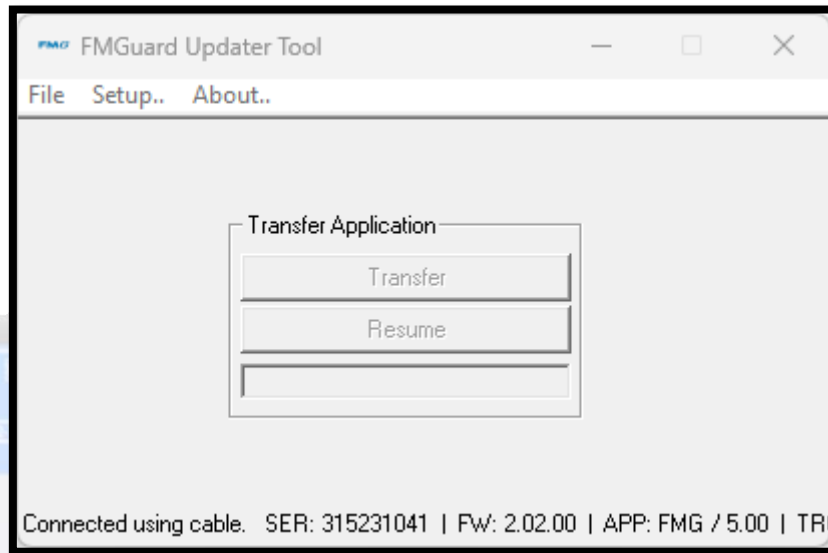
Image 3: FM Guard Updater Tool

On the lower left of the Updater tool window, you will the following details:

    a. Connection Status – If Laptop/PC is connected or not to the FM Guard;
    b. Serial number of the FM Guard;
    c. Current kernel version; and
    d. FM Guard version.
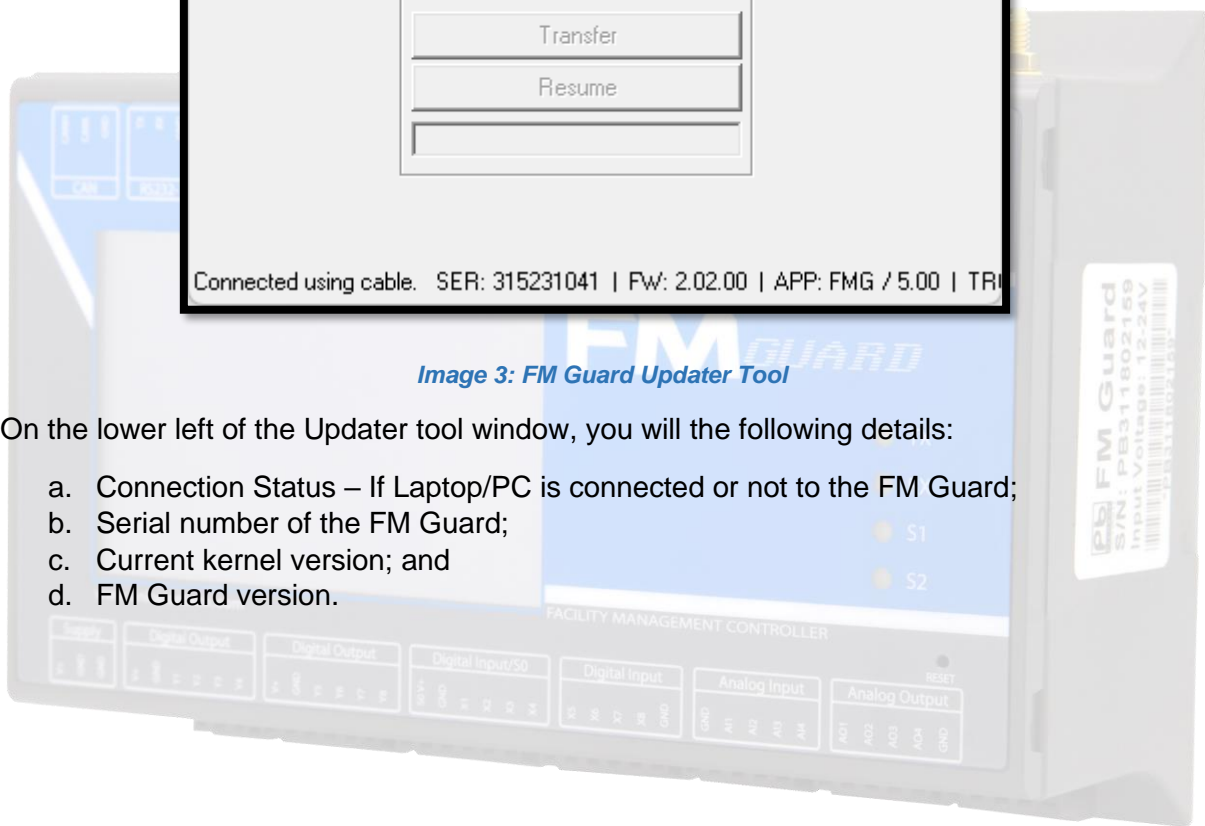
Setup page

Setup page is the settings for communication port setup. It automatically recognizes what USB port used.
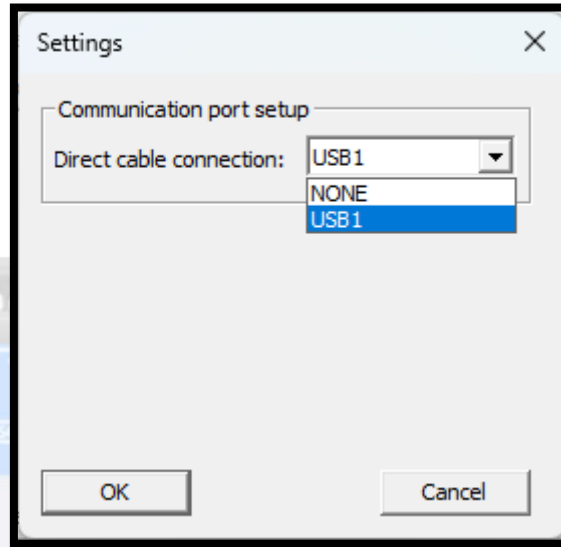

Image 4: Setup Page

File page

File page is the application's page that selects a firmware file (.rpc) to be uploaded to the connected FM Guard.
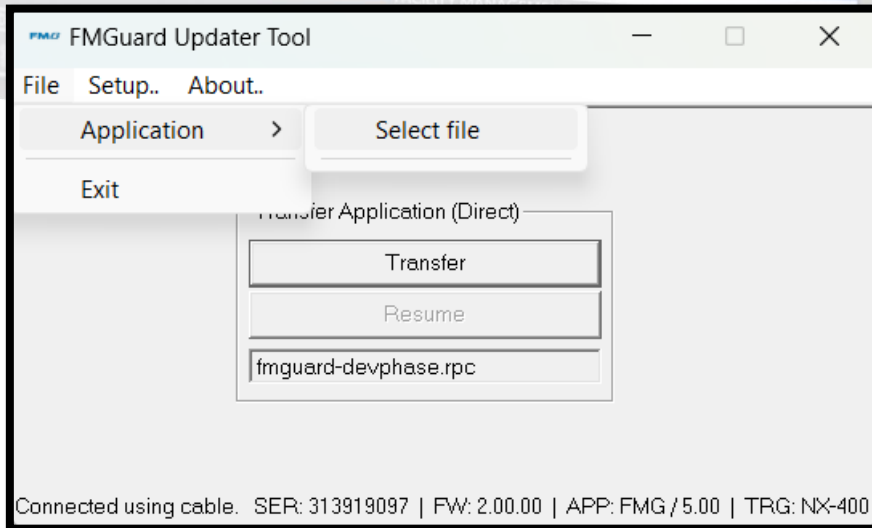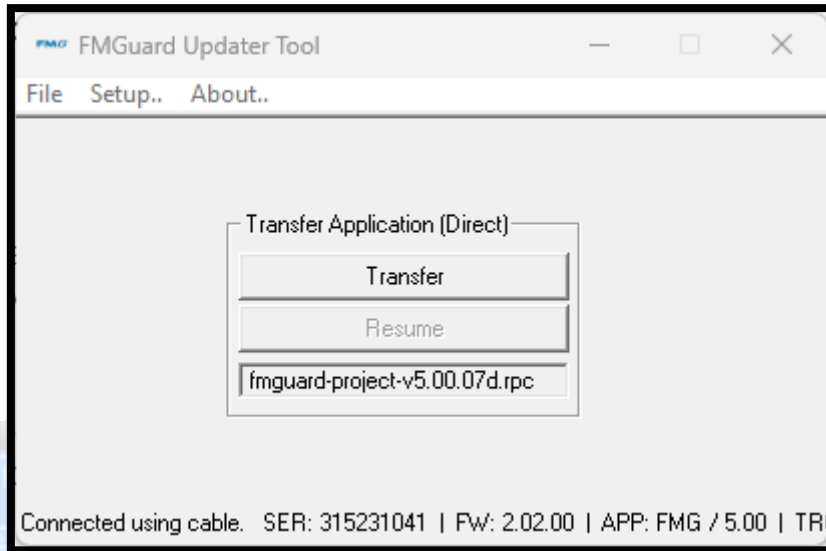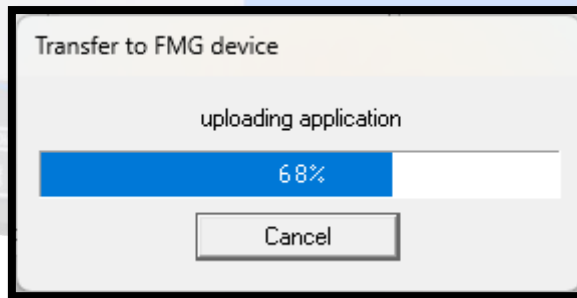

Image 5: Setup Page

Once the firmware file is selected, it will appear in the main screen of the updater tool.

Image 6: Updater Tool with selected firmware

Transferring of firmware

After selecting the firmware file, click the 'Transfer' button. The file will start to upload to the connected FM Guard. Wait until the firmware uploading status is finished.

Image 7: Updater Tool Updating Progress

When uploading of firmware is done, the FM Guard will automatically restart in order for the uploaded firmware to take effect.

About page

About page is the information page about the FM Guard Updater Tool.

END OF MANUAL