

Gekkota device USB format or USB recovery User guide

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1 Introduction

The goal of this document is to explain how to restore a Gekkota device whose storage file system has been corrupted. Indeed, given that Gekkota_os V4.10.10 beta99 (and below) does not support the tools “**Fix**” (Check Disk) and “**Format**” in WebUI/maintenance/tools, in case storage file system corruption, the device could not stop rebooting, or Web UI could not answer anymore.

There is 2 ways to restore your device

- USB format (restore to factory settings):
 - Re-install the software version
 - erase file system,
 - restore WebUI to default configuration (network configuration as well),
 - **erase the device licence,**
 - **erase user preferences,**
 - test card displayed
- USB recovery:
 - re-install the software version
 - erase file system,
 - restore WebUI to default configuration (network configuration as well)
 - test card displayed

It is possible to restore a DMB400 with the USB format version V4.10.10 beta99. But the same problem could be faced afterwards. So it is recommended to use a USB format (or recovery) whose version is greater.

2 USB Format

Attention: the device licence will be lost and user preferences as well !

- Download from support site the zip archive **USB format** (for your platform)
- Unzip the archive **USB format** at the root of the USB stick (FAT32) (3 files: ulnitr, ulmage, ulmage.dtb)

1. Unplug the device Gekkota power supply
2. **Plug the device Gekkota power supply** and as soon as red led & green led are displayed, do insert the USB stick. **Wait for 2 minutes...** (the time to copy the software from USB to Gekkota device)
3. When the green led is switch off, **unplug and plug again the power supply**. **Wait about 3 minuts...** (the time for the software to be installed on the Gekkota device)
4. When the green led is switch off, unplug and plug again the power supply. **Wait for 30 seconds...** (the time for the software to boot properly.
5. Result : the test card is displayed. Connect to the WebUI of the Gekkota device with IP 192.168.0.2 (or with IPV6 address) to inactivate the test card, enter the proper network configuration, and enter your device licence.

3 USB Recovery

- Download from support site the zip archive **USB recovery** (for your platform)

- Unzip the archive **USB recovery** at the root of the USB stick (FAT32) (3 files: ulnitrd, ulmage, ulmage.dtb)

1. Unplug the device Gekkota power supply
2. **Plug the device Gekkota power supply** and as soon as red led & green led are displayed, do insert the USB stick. **Wait for 2 minutes...** (the time to copy the software from USB to Gekkota device)
3. When the green led is switch off, **unplug and plug again the power supply**. **Wait about 3 minuts...** (the time for the software to be installed on the Gekkota device)
4. When the green led is switch off, unplug and plug again the power supply. **Wait for 30 seconds...** (the time for the software to boot properly).
5. The device is recovered.