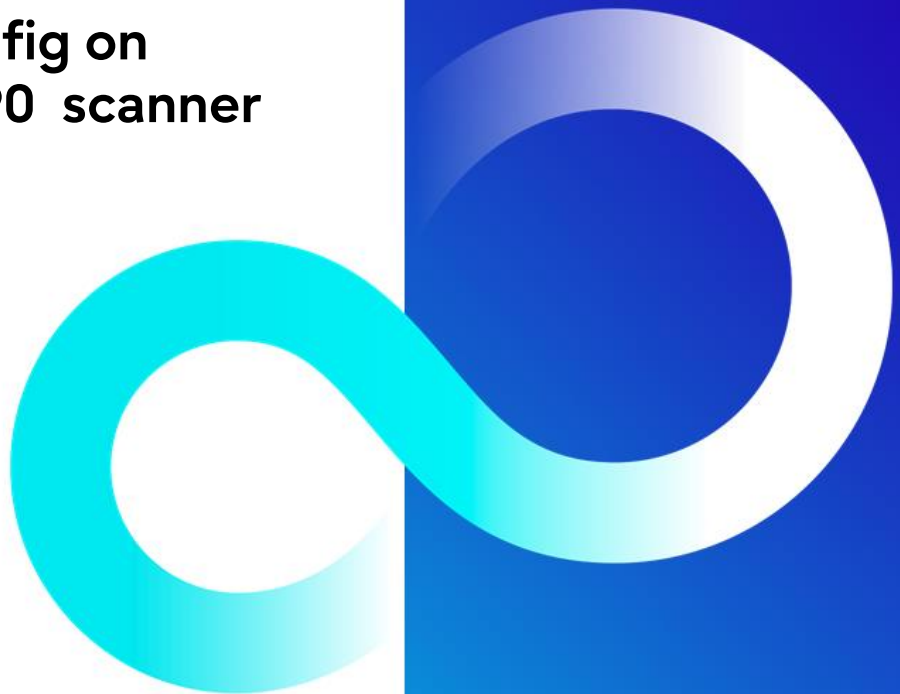


**Overview of installation for
firmware and config on
Datalogic GD4590 scanner**



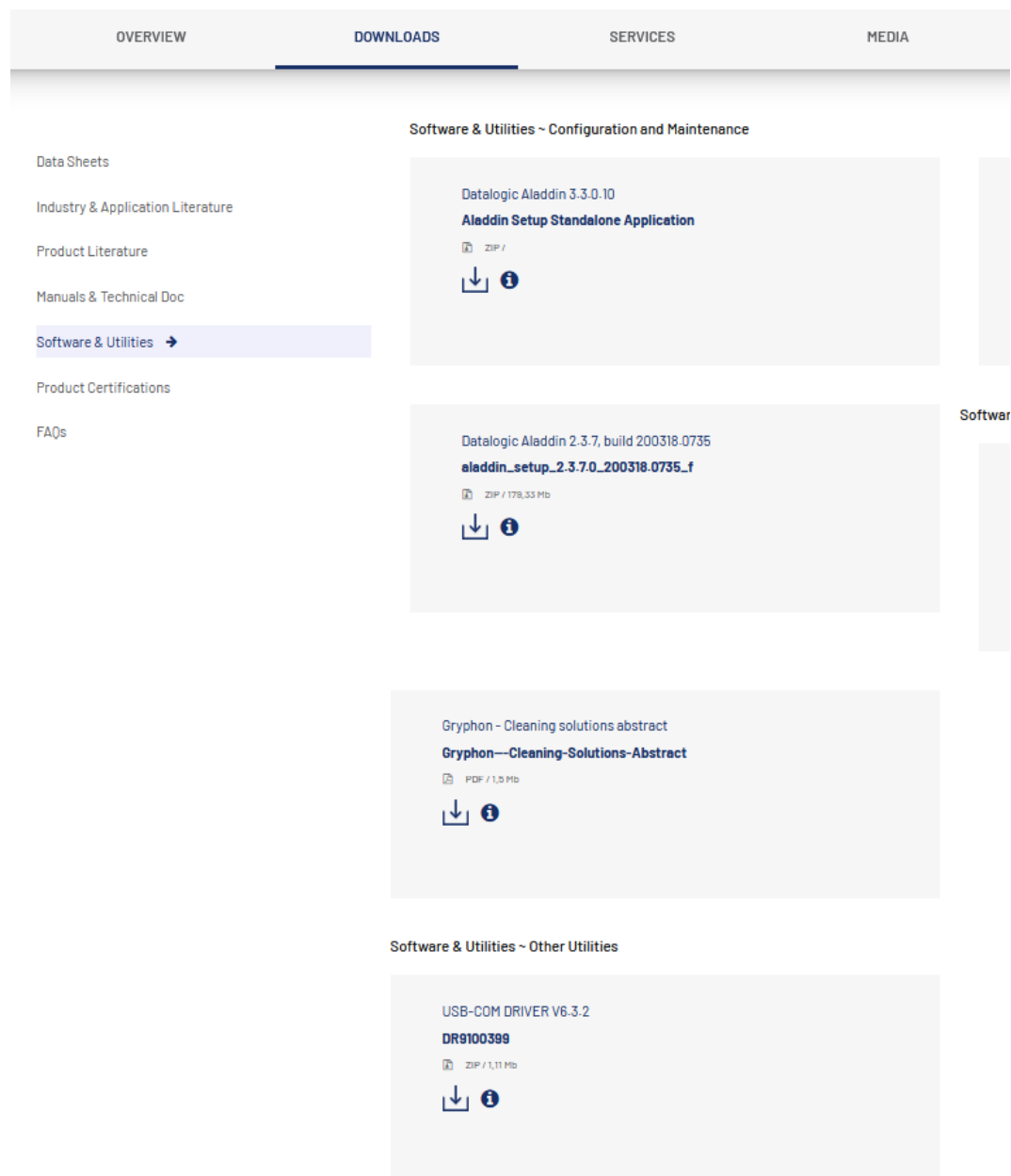
Navigate to <https://www.datalogic.com>

Navigate to this URL:

<https://www.datalogic.com/eng/retail-manufacturing-transportation-logistics-healthcare-other-applications/handheld-scanners/gryphon-4500-series-pd-836.html#download>

Download the current Aladdin Version 3 standalone application and the USB-COM driver.

You will need to register with Datalogic for this task.



Install the USB-COM driver on your WINDOWS laptop first, then reboot it, and then install Aladdin V3 standalone app.

You will need administrator permissions for your laptop.

The GD4590 Firmware and Config datafiles are available on GPMO Documentation Portal.

Please download the two datafiles: 610099025.zip and DR9611107.txt from GPMO portal.

Firmware file 610099025.zip to be unpacked/unzipped before use. Remember where you placed the unzipped file in the directory. **610099025.dfw** you will need to point ALADDIN to this file.

Note that Aladdin is a JAVA-APP, its startup is not instant. First it loads the JAVA-runtime. Then It attaches to a GD4590 scanner that's plugged into the Laptop.

The screenshot shows the Aladdin mobile application interface. At the top is the Aladdin logo, which consists of a blue star icon above the word "aladdin" in a stylized font, with an orange swoosh underneath. Below the logo is a grey status bar displaying "Gryphon-GD4500 [COM6]" with a small blue circular icon containing a white 'x' to its right. The main content area has a dark blue header with the text "DETECTED DEVICES" in white, followed by a white gear icon and a white play button icon. Below this header, there is a white card. On the left side of the card is a circular icon containing a black and white image of a handheld device. To the right of the icon, the text "Gryphon-GD4500 610099025" is displayed in bold, and below it, "Detected On COM6" is shown in a lighter font. At the bottom of the screen, there are two orange buttons. The left button features a white icon of a document with a checkmark and the text "DEVICE DETECTION". The right button features a white icon of a microchip and the text "FIRMWARE UPGRADE".

In this Instance the Windows Laptop connected the scanner to port COM6, but it will be different on another laptop depending on what's already connected to it.

Click on DEVICE DETECTION yellow field if you need to redo detection.

Click on **Firmware Upgrade** after you have received confirmation scanner is connected to upgrade the Firmware.

Click on **the detected scanner image** to start working with it and to change or load the config file.

TO UPGRADE Firmware:

Click on Firmware upgrade in display shown on previous page.
Select the Path/filename of the firmware to Load, ..\..\610099025.dfw
Select "Firmware upgrade with a USB cable "

LOAD FIRMWARE FILE

Please choose a firmware file...

Device

-

SW Release

-

PID

-

Port Connection

Gryphon-GD4500 610099025 [COM6]

FIRMWARE UPGRADE WITH A USB CABLE

FIRMWARE UPGRADE OF A RS232 DEVICE WITH A RS232 CABLE

FIRMWARE UPGRADE OF A NOT-RS232 DEVICE WITH A RS232 CABLE

Select Ethernet Connection to Upgrade Firmware

Host

Host

Otherwise, Input Ethernet Address to Upgrade Firmware

FIRMWARE UPGRADE ON ETHERNET CONNECTION

Use Scanner to SCAN bar code shown on screen, firmware upgrade begins.
This will take up to several minutes. The APP informs when firmware upload is complete.

LOAD FIRMWARE FILE

610099025.dfw

Device

Gryphon-GD4500

SW Release

610099025

PID

0x6620

Port Connection

Gryphon-GD4500 610099025 [COM6]

FIRMWARE UPGRADE WITH A USB CABLE

FIRMWARE UPGRADE OF A RS232 DEVICE WITH A RS232 CABLE

FIRMWARE UPGRADE OF A NOT-RS232 DEVICE WITH A RS232 CABLE

Select Ethernet Connection to Upgrade Firmware

Host

Host

Otherwise, Input Ethernet Address to Upgrade Firmware

FIRMWARE UPGRADE ON ETHERNET CONNECTION

For USB CABLE devices: reset device manually keeping trigger pulled,
or read the code given below, and wait for the firmware upgrade to start



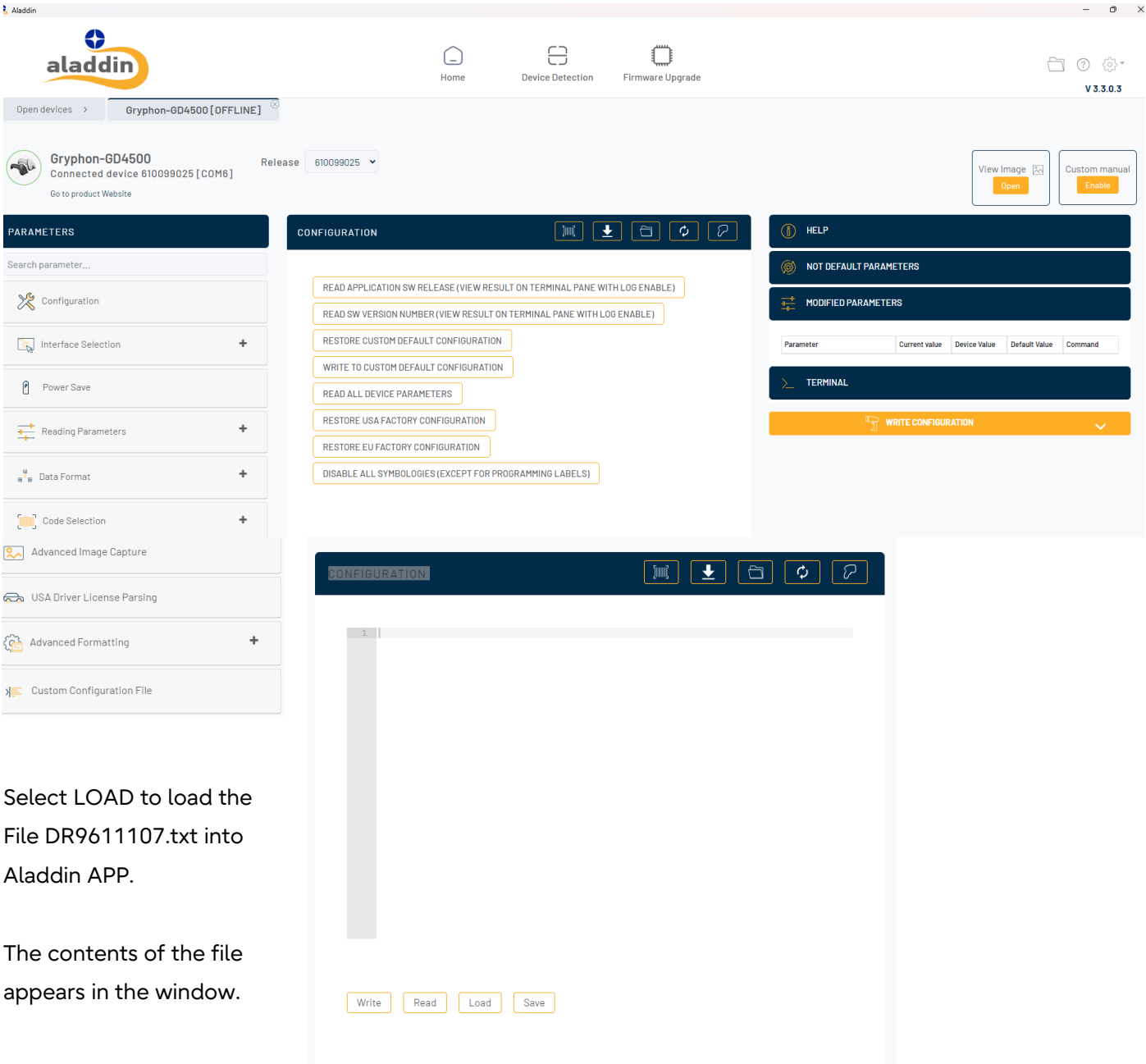
To LOAD new Config

Screenshot after selecting the active installed scanner (on COM6 in this case)

Wait while the APP retrieves the current configuration from the Scanner.

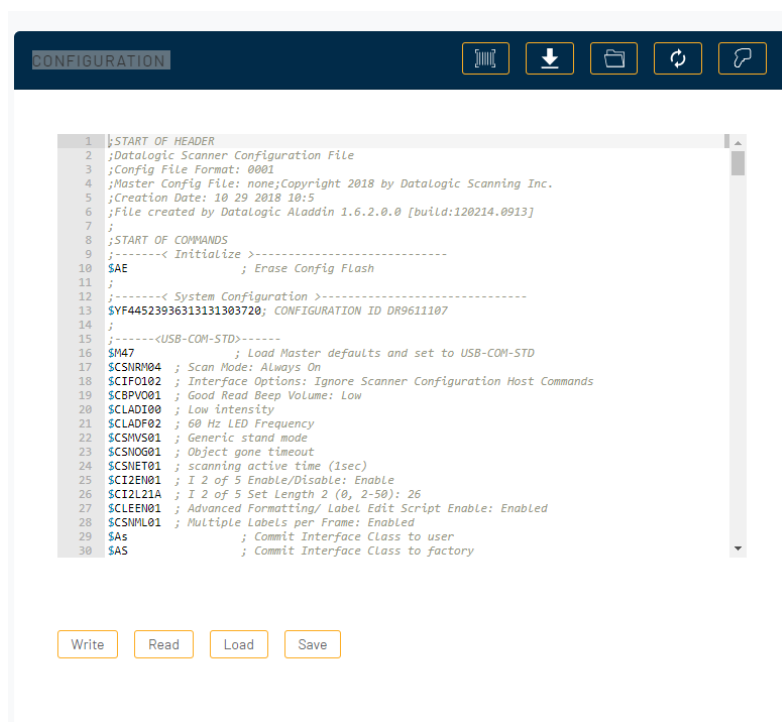
A progress BAR is shown while this happens, it takes 10-15 seconds

Scroll down to “CUSTOM Configuration File” (the last menu choice) and click on it.



Select LOAD to load the File DR9611107.txt into Aladdin APP.

The contents of the file appears in the window.



Click Write to transfer the config to the Scanner . The APP will show a progress bar until finished.
It will State: **Config file Written OK.**

A newly installed Aladdin APP will at this point complain that the file is larger than 13.000 bytes.

You need to set the Aladdin app to accept 15.000 bytes large config files by editing one Aladdin windows properties file:

EDIT:

```
C:\ProgramData\Datalogic\Aladdin\resource\application.properties
ccfMaxSize = 15000
```

This Concludes the setup of a GD4590.

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