

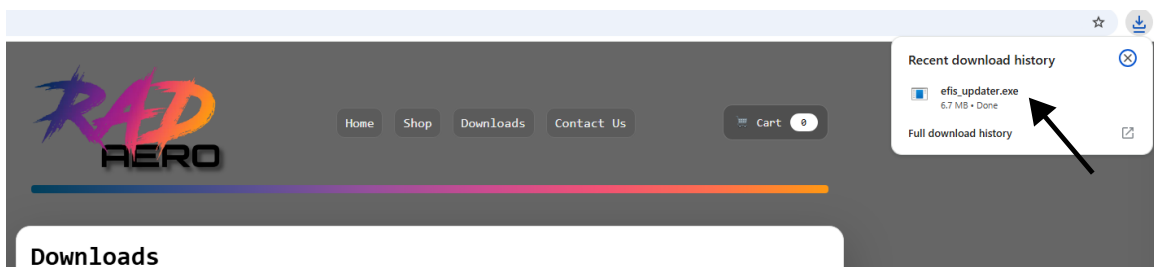


Updating AwesomeEFIS and Extra Display to v0.4.0

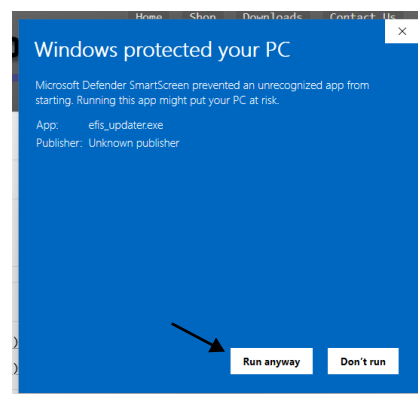
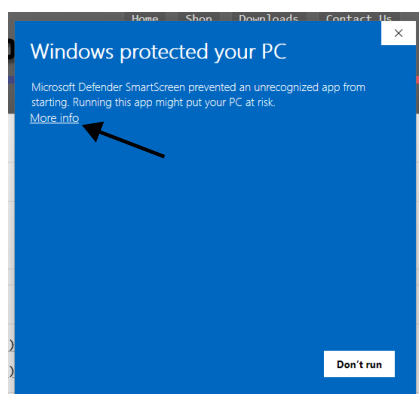
Our latest firmware release comes with a new configuration tool that is web based instead of the PC application that needed to be updated when new features were added to the devices. Once all devices are updated to v0.4.0 all future updates of EFIS and Extra Displays will be handled directly from your internet browser and will not require any more downloads or PC applications updates.

The following instructions walk you through the simple update process and will need to be performed individually on the EFIS and every extra display.

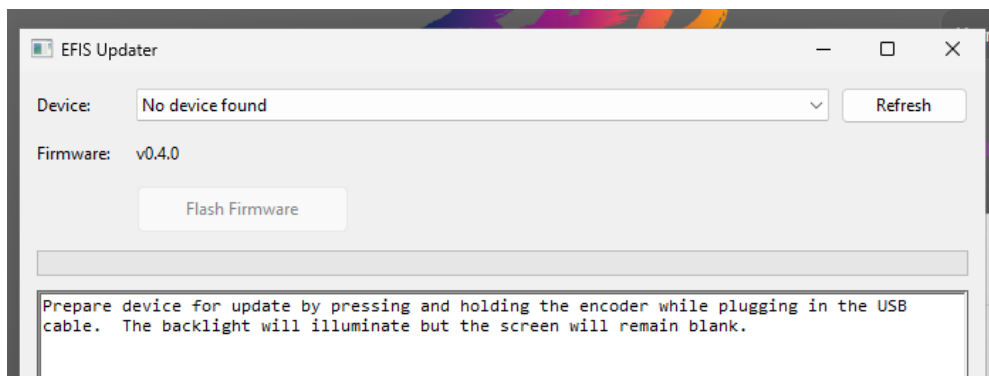
1. Start with the device powered off and the USB cable unplugged on one end, either from your computer or from the back of the unit.
2. Download EFIS Updater from the downloads page of the website or by clicking this link.
https://rad.aero/software/efis_updater.exe



3. Launch the application, click on "More Info" and then "Run Anyway".

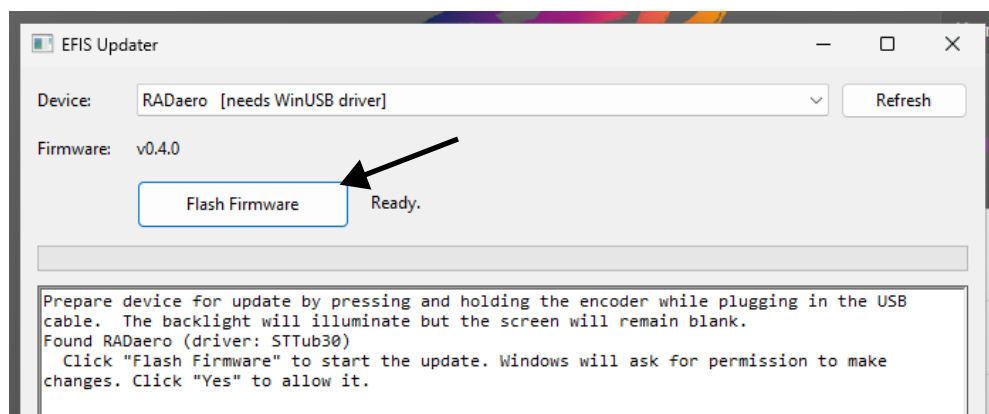


4. Put the device into bootloader mode by pressing and holding the encoder button on the device while plugging in the USB cable, once the cable is plugged in you can release the encoder button. The screen backlight will be on but the display will remain black.

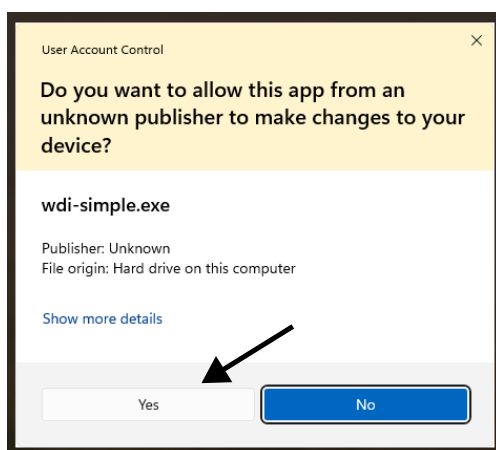


5. The device will be recognized by the application, click "Flash Firmware" to start the update process. Depending on what drivers your computer has installed the text may be different.

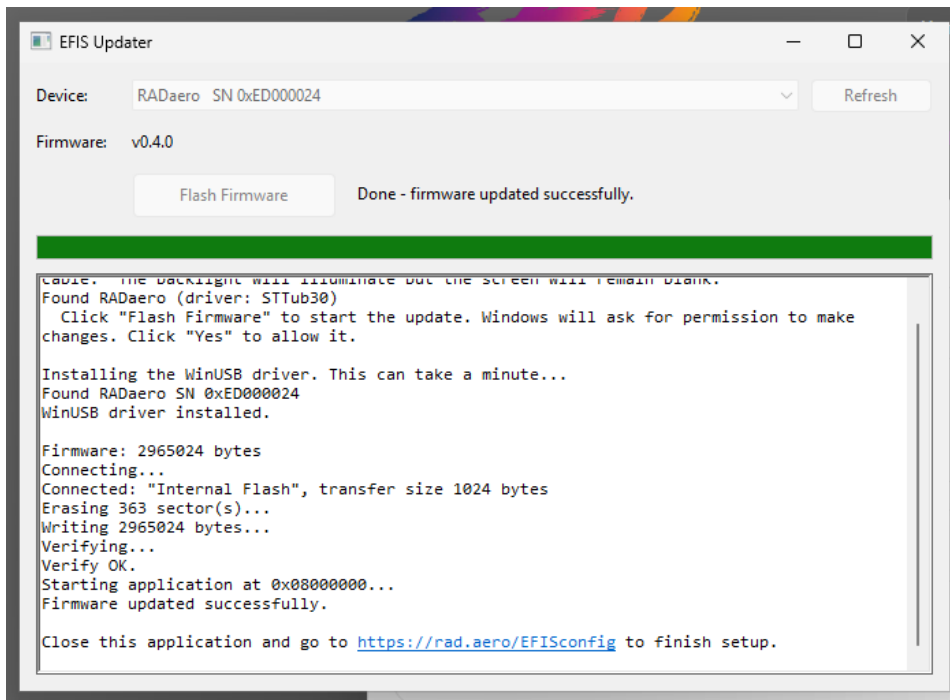
If your device is not automatically recognized use Zadig to manually install a driver, follow the instructions at the end of this document to use Zadig.



6. If a driver is required to be installed it will do so automatically after clicking "Yes" to the below prompt, the driver will take about a minute to install. Once the driver is installed the update will start.

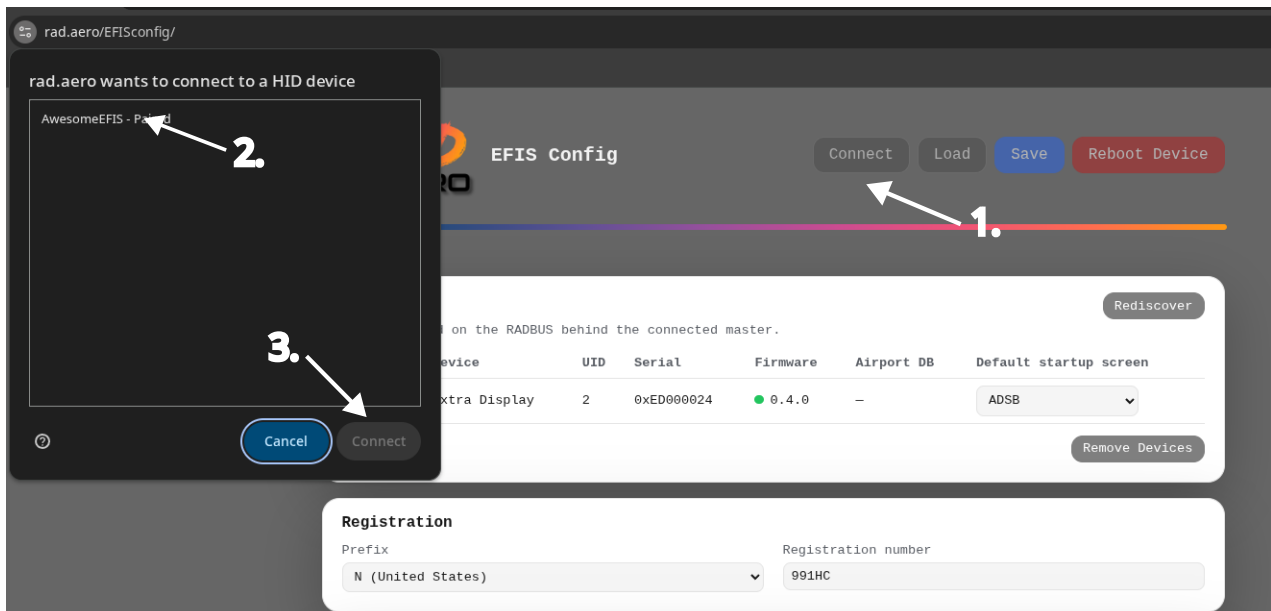


7. The update will take a couple minutes to flash to the device, once complete close the application. Repeat steps 3 - 6 for any Extra Displays before moving on.



8. Open the new RAD Configurator by clicking the link below. You must use Chrome or Microsoft Edge browsers.

<https://rad.aero/EFISconfig/>



9. Click the "Connect" button in the upper right corner of the webpage, select AwesomeEFIS from the list of devices on the popup and then "Connect".

This web interface will be the single spot to configure and update your EFIS and Extra Displays, including updated airport databases. If any updates are available it will be shown in the "Devices" area. Firmware and airport databases are automatically downloaded and transferred to the devices. Make any changes to settings you require and click "Save" in the upper right corner of the webpage.



EFIS Config

Connect

Load

Save

Reboot Device

Configuration loaded from device.

Devices

Rediscover

Devices found on the RADBUS behind the connected master.

Status	Device	UID	Serial	Firmware	Airport DB	Default startup screen
●	AwesomeEFIS	1	0xAE000023	0.4.0-RC4	2026-09-03	AHRS
●	Extra Display	2	0xED000024	0.4.0	2026-09-03	ADSB
●	Extra Display	3	0xED000022	0.4.0	2026-09-03	Airspeed
●	AwesomeADSB	4	0xFF01578F	0.8.6	—	—

Remove Devices

Registration

Prefix

N (United States)

Registration number

991HC

Units

Airspeed

MPH

Altitude

Feet

Temperature

Fahrenheit

Pressure

InHg

Distance

Nautical Miles

Screen Setup

Reset to Loaded

Red arc

Yellow arc

Green arc

Approach indicator

Gear indicator



Sky (Upper)

Sky (Lower)

Ground (Upper)

Ground (Lower)

Airplane symbol

Backlight brightness

16

Text background alpha

160

V-Speeds

Raw speed values, in whatever airspeed unit is selected above (0-255).
Enter 0 for Vs0 and Vfe to disable the white arc, or 0 to disable the approach speed or gear speed indicators.

Vmin

20

Vs0 (bottom white arc)

50

Vs1 (bottom green arc)

60

Vfe (top white arc)

80

Vno (top green arc)

110

Vne (red line)

130

Approach speed

70

Vlo (gear speed)

75

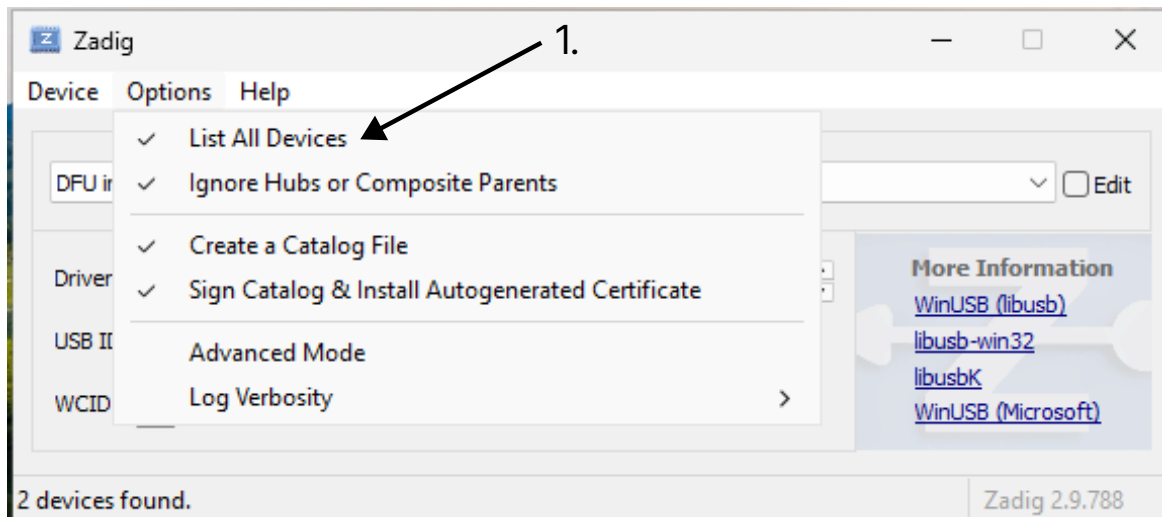


Driver Replacement using Zadig

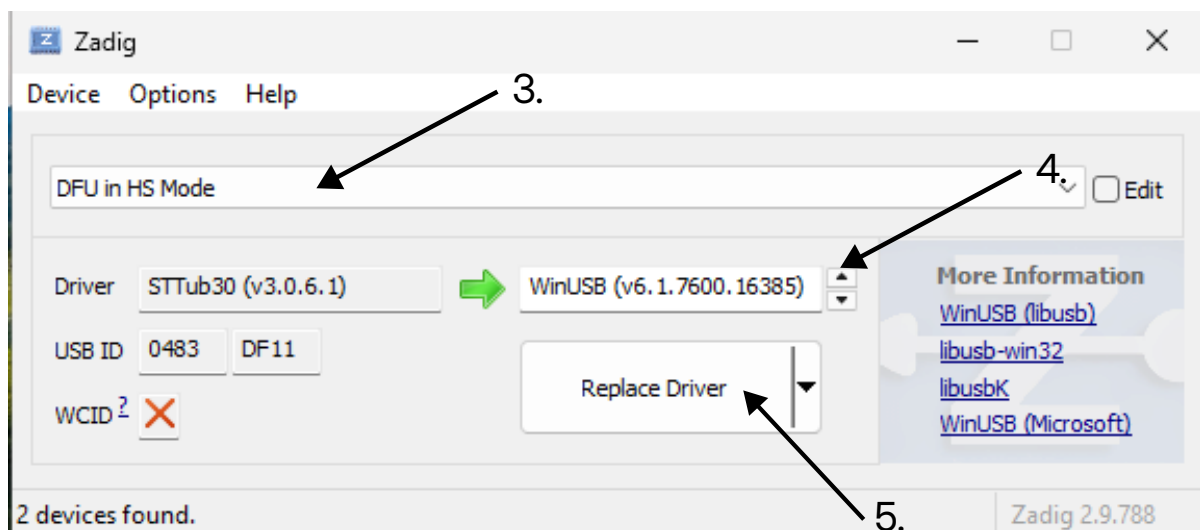
Download and open Zadig from here

<https://rad.aero/software/zadig-2.9.exe>

1. Place the device in bootloader mode.
2. From the option menu make sure "List all devices" is checked.



3. From the drop down list select "DFU in HS Mode"
4. Select WinUSB by clicking the up or down arrows here
5. Click "Replace Driver"



It will prompt you when the driver is installed. Close Zadig and reopen the EFIS Updater application. It should now have found the device, click "Flash Firmware".

You only have to run Zadig if the device is not found for the first time. If you have other devices to update they will be recognized straight away in the EFIS Updater.