

The `yyyy_firmware_1.8.x.0.sysupgrade` file is used to update the firmware through the [Upload Firmware](#) menu option.

For update part 2:

We now have a new boot loader, so we need to update the **core** file.

The `.core` file is used to update the maintenance files via the "Support" menu option.

The `.core` file will, unless you uncheck the "Confirm operations from keypad checkbox", ask for confirmation by pressing a button on the controller.

The `_forcereset` file **will** reset the outlets.

If the right side firmware is 1.7.27.0 or higher, you should have the new boot loader.

You can use one of the `.avr` files. You may use the `.core` file if you prefer.

`update_x.x.x.x.avr` should not reset the outlets, but there is a chance that the update may not show as successful.

`update_x.x.x.x_forcereset.avr` version WILL reset any ON outlets, but the update is assured.

If the current right-side firmware is lower than 1.7.27.0, then use the `.core` file to update.

If you try the non `forcereset` version, and after the update you don't see that the AVR (maintenance) version has changed, logout and login again. Then recheck the right-side version.

It's possible that it may still be updated and will show after a power cycle or may can use the `forcereset` version to "force" the issue.

Either of the "forcereset" files WILL reset the outlets.

From the menu, select [Support](#).

If the settings are protected, reset the protection.

Press the reset button near the RJ-45 Ethernet connector and wait about 5 seconds.

You will hear a beep and arrive at the reset menu. You can use the Up/Down arrows to select the kind of reset. The default is "Clear Lock Bits: Clear protection bits only", which is what you want. Press the cycle button.