

VScom Firmware Rescue Utility

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Introduction

VScom Firmware Rescue Utility can restore the original firmware on devices with a corrupted root file system (RFS) but a working bootloader.

Burning Utility Image on a USB Thumb Drive

You can use any program to burn the image (vscom-firmware-x.y.z-rescue-utility.img). We recommend the [balenaEtcher](#) tool.

Repair Process

1. set the DIP switch to the “Factory Settings” position (1: Off, 2: Off, 3: Off, 4: On)
2. insert the USB thumb drive with the VScom Firmware Rescue Utility
3. power on the device

Now, watch the PWR and RDY LEDs. As soon as the utility starts, the PWR LED starts to blink (1500 msec off and 500 msec on phase). In the case of an error, it starts a quick blinking pattern (100 msec off and 100 msec on phase).

The RDY LED blinks slowly when extracting firmware (500 msec off and on phases) and more quickly when burning firmware (250 msec off and on phases). When finished, the RDY LED stays on.

Change the DIP switch to the previous state before rebooting the device.

Internal Web Server

The device's web server can be reached via the static IP address 192.168.254.254. Opening this IP address in the browser will show the whole repair log including device's model and serial number.