# SLZB-xxU and ZWA-2

## Using ZWA-2 Z-Wave Dongle with SLZB-MR1U via USB Passthrough



Overview

Many users asked whether the **ZWA-2 Z-Wave USB stick** can be used with the **SLZB-MR1U** using its **USB passthrough over Ethernet** feature.

Until recently, we couldn’t confirm, as it hadn’t been tested in-house.

We have now completed testing and can confirm:

 **ZWA-2 works with SLZB-MR1U using USB passthrough.**

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# Requirements

- SLZB-MR1U hardware
- SLZB-OS firmware v3.0.0 or newer
- ZWA-2 USB Z-Wave stick
- Z-Wave JS UI (or other TCP-compatible Z-Wave host)
- Network access to the SLZB-MR1U IP address

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# Why SLZB-OS v3.0.0?

Firmware **v3.0.0** (released 29 August 2025) is required because it:

 Resolves **USB passthrough instability**
 Fixes **EFR32 firmware update failures**
 Improves overall SLZB-MR1U reliability

You can update via:

- OTA (if available)
- Manual update via USB-C and our Web Flasher:

  ➡ https://smlight.tech/flasher/#SLZB-06U-MRxU

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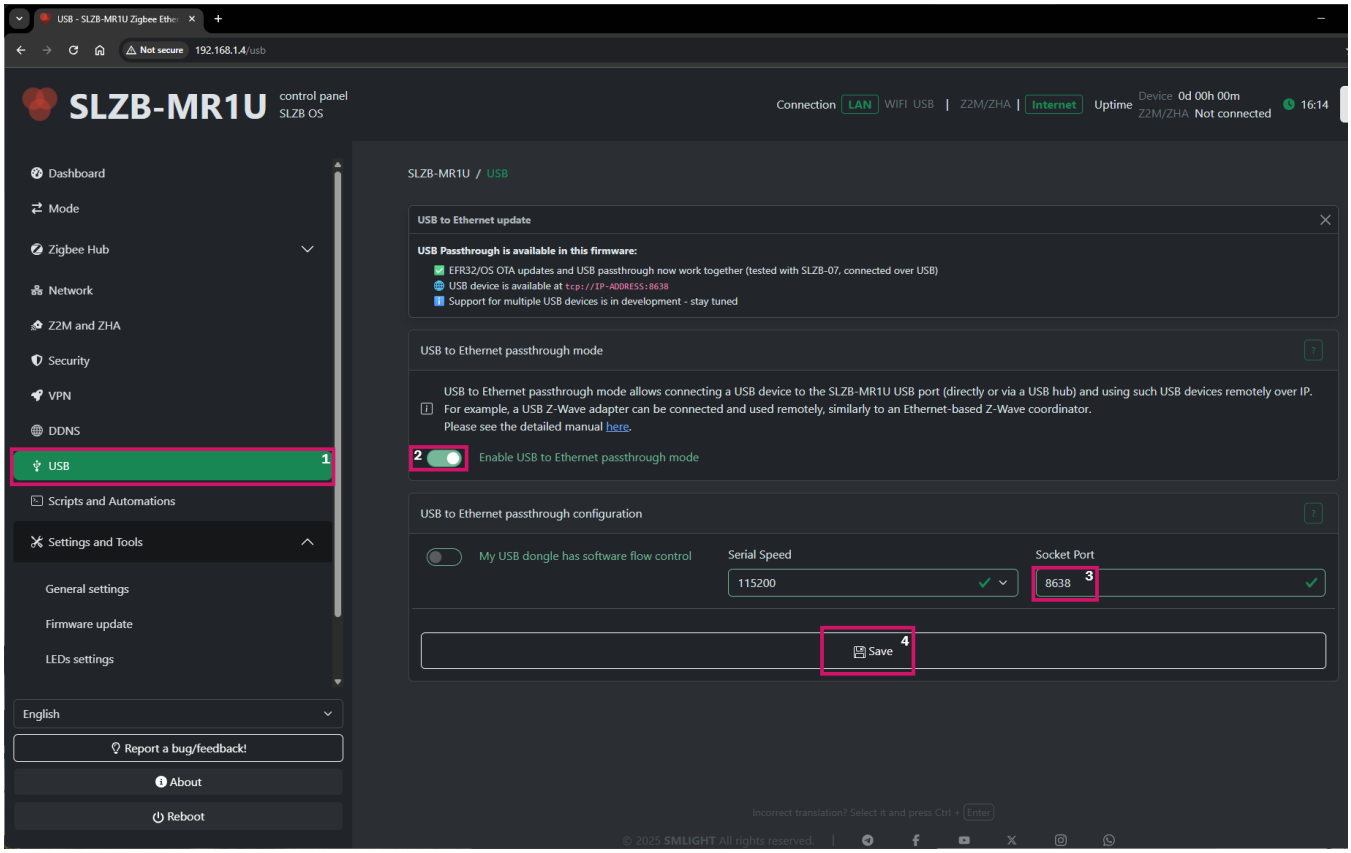
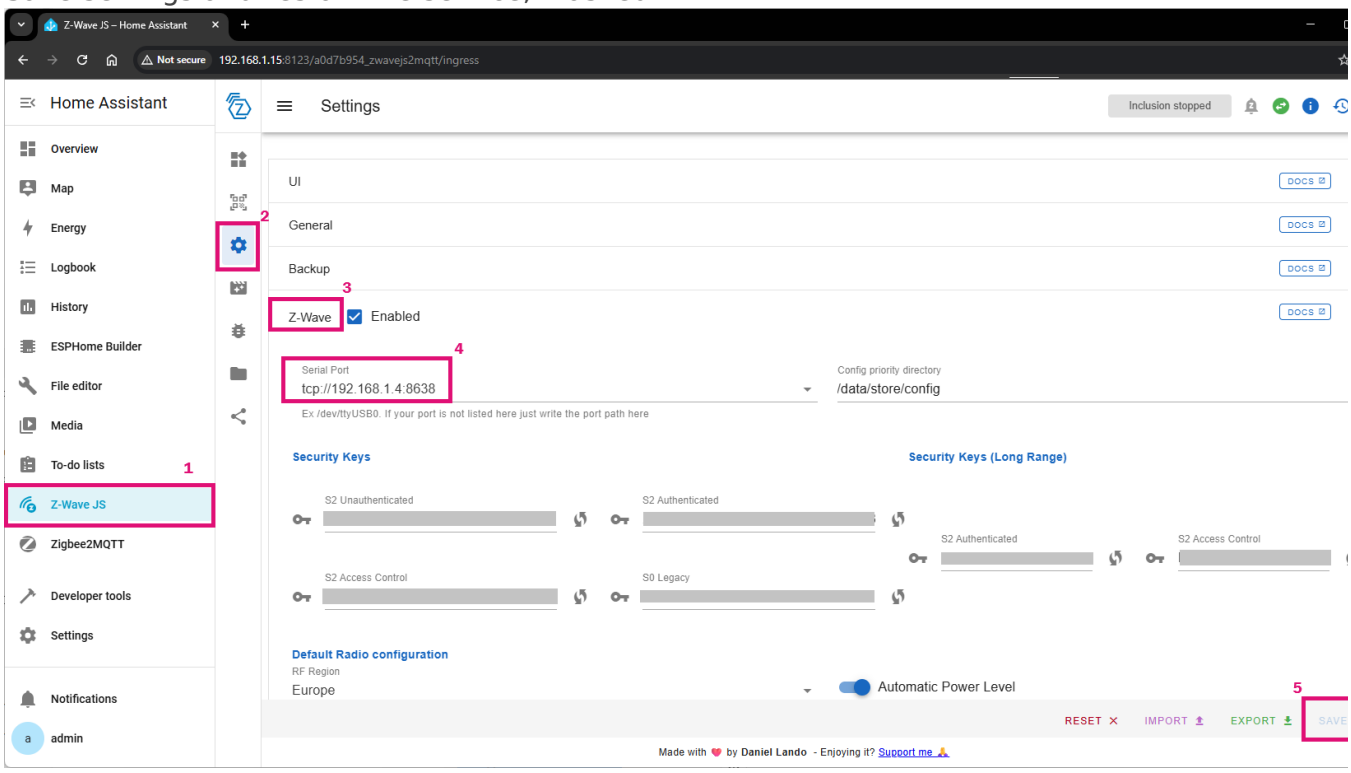
# Setup Instructions

1. Flash SLZB-MR1U with **SLZB-OS v3.0.0**
2. Enable USB passthrough option (Go to http://slzb-mr1u.local/usb)




3. Plug the **ZWA-2 USB stick** into the USB-A port - right out of the box.
4. Open **Z-Wave JS UI** on your smart home host
5. Go to **Settings** -> **Z-Wave** -> **Serial port** and Set the serial port to:
   `tcp://<SLZB-MR1U-IP>:8638`
   where `<SLZB-MR1U-IP>` is an actual IP address of your SLZB-MR1 in your network.
6. Save settings and restart the service, if asked.




7. Pair Z-Wave devices as usual (we did it via Z-Wave integration).

# ⚠ Notes & Best Practices

- One USB device is supported at the moment via USB passthorugh.
- Ensure port **8638** is accessible on your LAN

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# Troubleshooting

| Problem | Solution |
| --- | --- |
| ZWA-2 not detected | Confirm IP and port, check firmware is v3.0.0 or newer |
| Devices won’t pair | Restart Z-Wave JS UI after configuring the serial port |
| Unstable USB connection | Use a shorter or higher-quality USB cable (or powered USB hub) |

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Revision #6
Created 2025-08-30 13:37:00 UTC by Support3
Updated 2025-08-30 13:52:15 UTC by Support3