

Manual system setup

Install device

1. Mount the device to a wall or a place you want
2. Connect the device to your computer via serial to connect to the wifi network
3. Plug the device into a power outlet
4. Once the device is connected to the wifi network you will have wireless connectivity

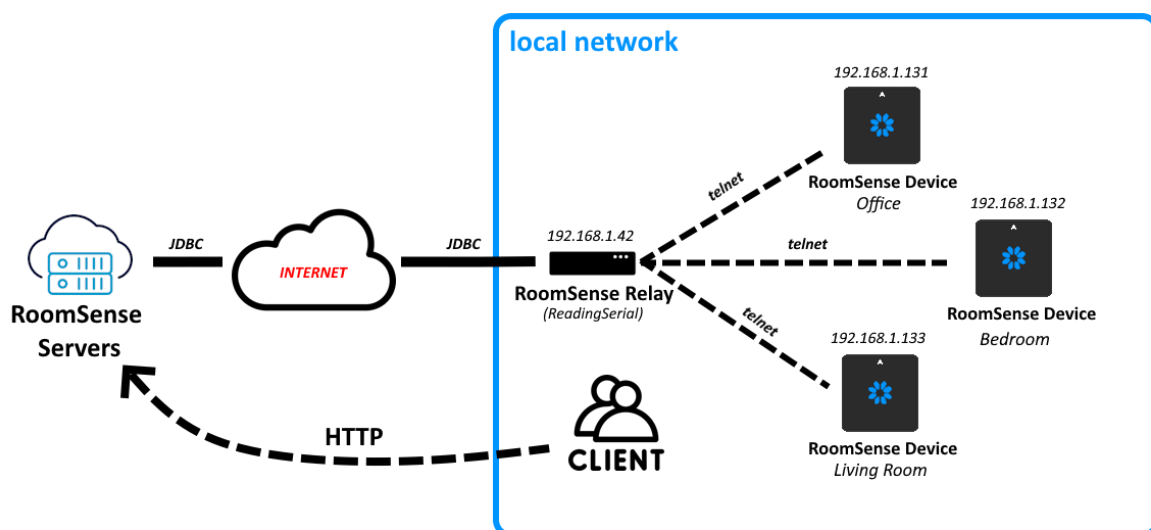
Connect to website

1. Make an account on the website to monitor your rooms
2. Add a room to your account
3. Connect to the device to the local WiFi network (for setup steps see "[Configure Device WiFi Network](#)")
4. Start collecting data from your device

What will be possible?

1. View the collected data of each room in a graph over time
2. Get recommendations for each room
3. Message to start ventilating the room
4. Compare different rooms with each other

Configure Device WiFi Network



Start Configuration

- Connect to the device via the USB-B port
- Open a serial monitor software
- Enter the command "**SENDING OFF**" to pause the sending of the data
- Then enter either "**CONFIG EDIT**" or "**CONFIG RESET**" to enter configuration mode

Possible Commands

Basic Configuration Commands

- Command "**SSID** <network name>": Change the SSID that the WiFi connects to
- Command "**PASS** <wifi password>": Change the password that the WiFi connects to
- Command "**USER** <username>": *The username and identity for a WPA2-Enterprise network (experimental feature)*

Static IP Configuration Commands

Addresses and Subnet Masks must be entered in octet form

- Command "**IP** <ip address>": Set the static IP address to connect to
- Command "**SN** <subnet mask>": Set the subnet mask of the local network
- Command "**GW** <gateway address>": Set the gateway address of the local network
- Command "**PORT** <port number>": Change the port to start the server at

Save Configuration

- Enter the command "**CONFIG COMMIT**" to save the configuration changes
- Or enter the command "**CONFIG RESTORE**" to discard the changes (only restore correctly if "**CONFIG EDIT**" was used)
- Then unplug the device from the computer and plug it back in to its own USB-A port
- Plug the device into the power outlet using the DC adapter

General Commands

- Command "**CONFIG SHOW**": Show the active configuration
- Command "**STATUS**": Show the wifi adapter status