



21/10/2024

# OpenSmartMonitor Configuration Manual



## **Drivers**

If you are a Windows or Mac user you will need to install drivers to be able to communicate with the OSM.

You can find them by following this link:

<https://www.silabs.com/developers/usb-to-uart-bridge-vcp-drivers?tab=downloads>

Windows users should select 'CP210x Windows Drivers'  
Mac users should select 'CP210x VCP Mac OSX Driver'

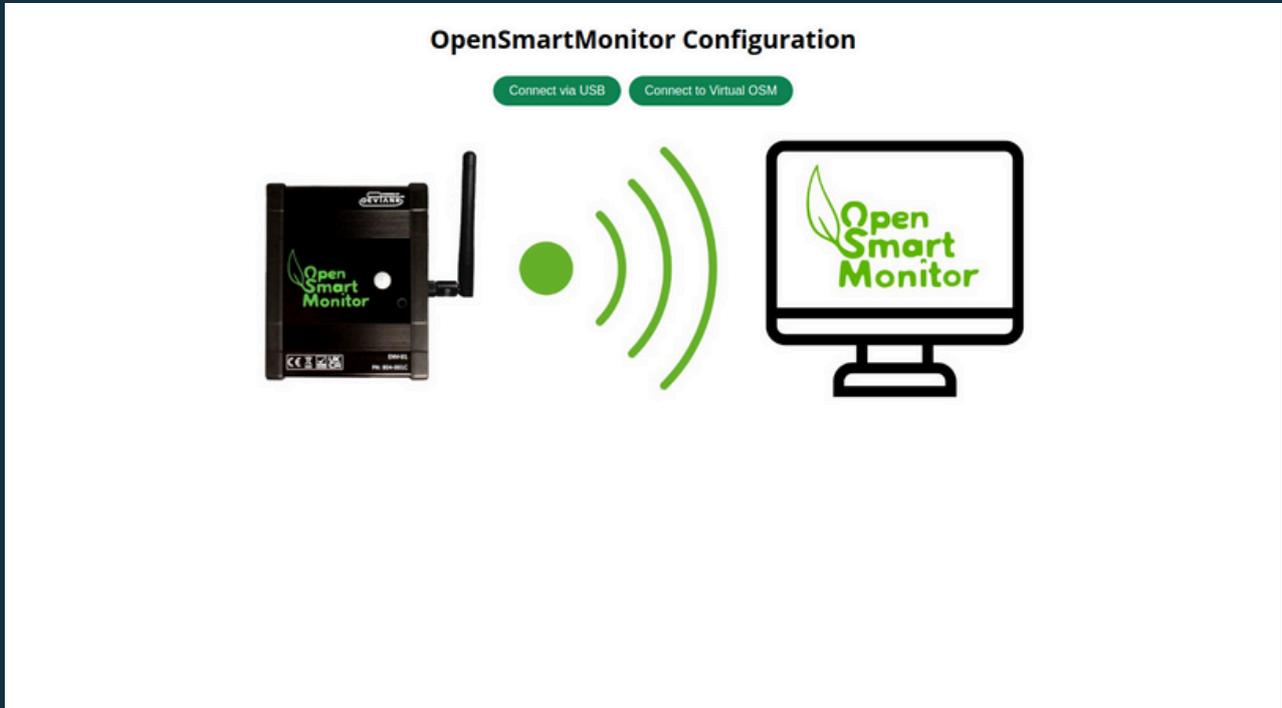
## **Connect**

To connect to an OpenSmartMonitor (OSM) sensor:

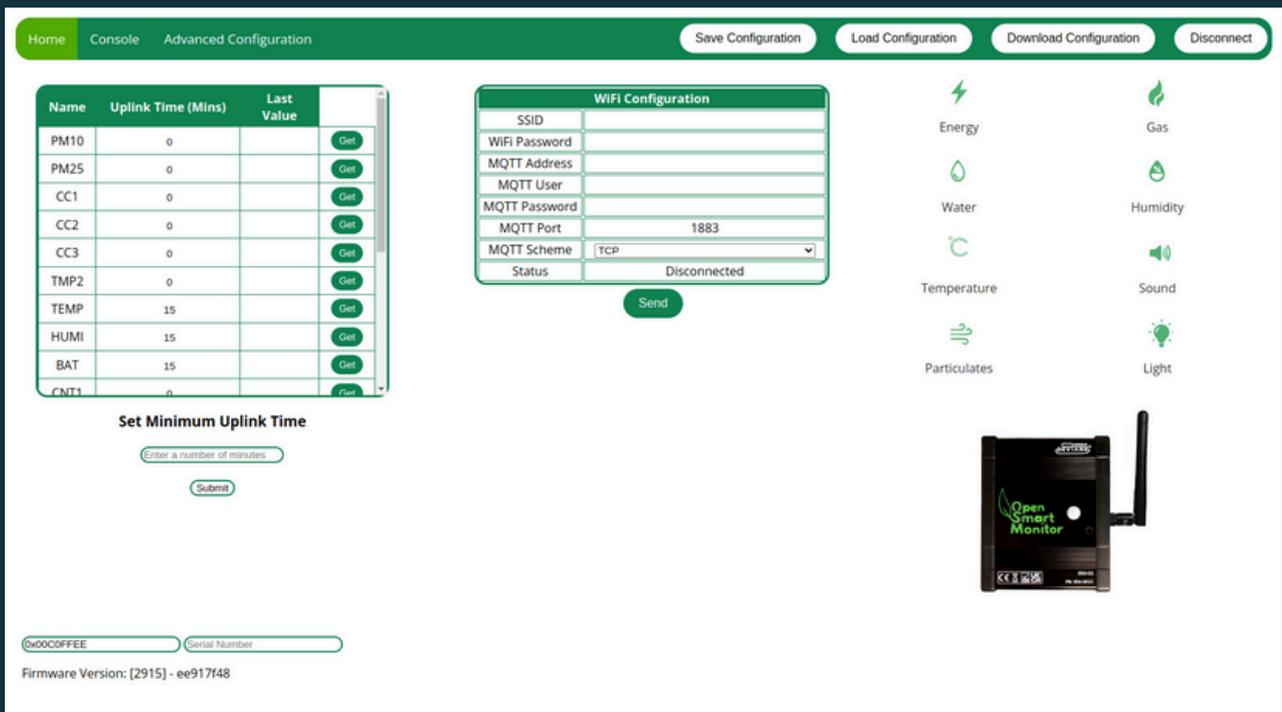
1. Ensure your OSM is connected to your computer through a USB-C cable.
2. Open <https://osm-config.devtank.co.uk> in Google Chrome (this is the only browser currently supported).
3. Press 'Connect via USB'.

Connecting will bring you to the home page shown below.

# Figure 1 : Connect Page



# Figure 2 : Home Page



# Wi-Fi Configuration

**Figure 3 : Wi-Fi Configuration Table**

SSID	Devtank Wifi 	
WiFi Password	.....word	
MQTT Address	example_mqtt.osm.devtank.co.uk	
MQTT User	example	
MQTT Password	example_mqtt_pwd	
MQTT Port	443	
MQTT Scheme	TCP	
Status	Disconnected	



To update the configuration of a Wi-Fi enabled OSM:

1. Press the reload symbol in 'SSID' to populate the dropdown menu with local networks.
2. Press 'Select Network' to bring up the dropdown menu.
3. Select the network you want to connect to.
4. To manually enter a network, select 'Other:'.
5. Edit the rest of the text fields in this table to update the sensor's configuration.
6. Press 'Send' when you are happy with your changes.
7. Press 'Save Configuration' which is located in the navigation bar.

Bear in mind that spelling mistakes and accidental extra whitespace may cause connection issues, so ensure that you have entered information precisely.