



## First start guide

**Important:** You will notice a black glue on the front of ESP8266 ESP-01 module, **don't try to remove it!** It protects a thin tiny wire, which enables the power saving deep sleep mode of the chip.

**Warning:** TeHyBug is not protected against reverse polarity. A reverse polarity of power source will damage your device. Make sure you connect the power correctly to the screw terminal.

When you connect a power supply (min 3.4V, max 12V, *5V recommended*) to your TeHyBug, the blue led on the ESP-01 module will light up solid, it means that your TeHyBug is in a configuration mode.

TeHyBugs with an oled display are already **preconfigured** in a „display only mode“ and are ready for use, just connect it to a power supply. If you would like to change the configuration or use some different data serving modes: you can put your TeHyBug into a configuration mode by pressing the RESET „BLACK“ button and short after that the MODE „RED“ button, the blue led will blink shortly and light up after 3 seconds solid.

### Configuration

1. Open with you computer or mobile phone a list with available Wi-Fi networks, there will be a new Wi-Fi network called **TeHyBug\_XXXXXX**
2. Connect your device to a TeHyBug Wi-Fi network.
3. After your device is connected to TeHyBug Wi-Fi network, start your web browser and open this address: **<http://192.168.1.1/>**

The TeHyBug configuration webpage will open and you will have multiple choices:

**Default settings** if you are going to use the tehybug.com data server (signup at tehybug.com website and add your TeHyBug into your account) or **custom settings** where you can define URL of any other data server. Once everything is set, you can activate the live mode and restart your TeHyBug, it should start serving the environmental data.

If you have provided incorrect Wi-Fi credentials in the configuration mode or you would like to change the settings:

Press the RESET „BLACK“ button and short after that press the MODE „RED“ button, the blue led will blink shortly and light up (after 3 seconds) solid, after that you will be able to connect to a TeHyBug Wi-Fi network and change your configuration.

In case you have put your TeHyBug into a configuration mode by mistake (the blue led lights up solid) and you don't want to change your previous settings, you can activate the live mode by pressing the RESET „BLACK“ button and short after that press the MODE „RED“ button (same way you put your TeHyBug from a live mode to a configuration mode), the blue led will blink short (it means that you TeHyBug is in live mode, connecting to the configured Wi-Fi network and is serving the data).

Your TeHyBug has additional a Micro USB connector, so you can power it directly from an USB power supply. **DO NOT** use a battery and an USB power supply at the same time, it will damage your devices. For more info's please visit **<http://tehybug.com/>**

