



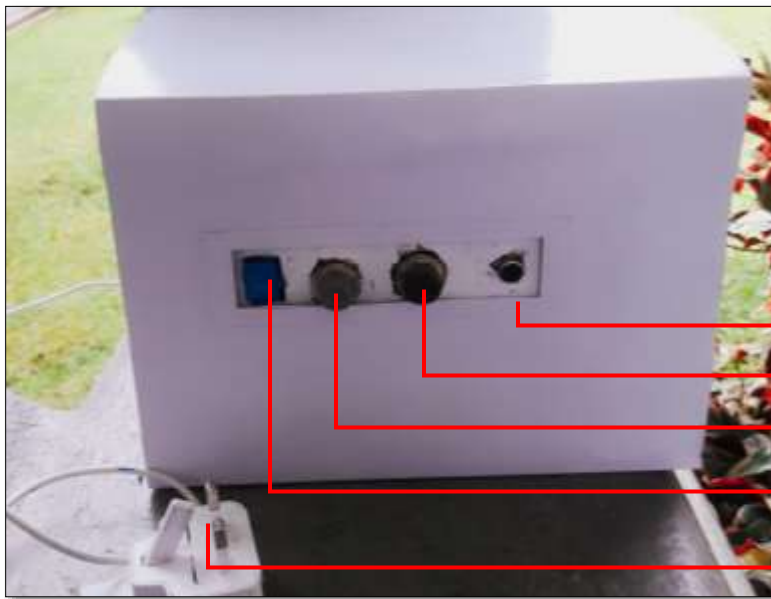
IOT AIR, SOUND AND TEMPERATURE MONITORING SYSTEM

User Manual

1.0 Introduction

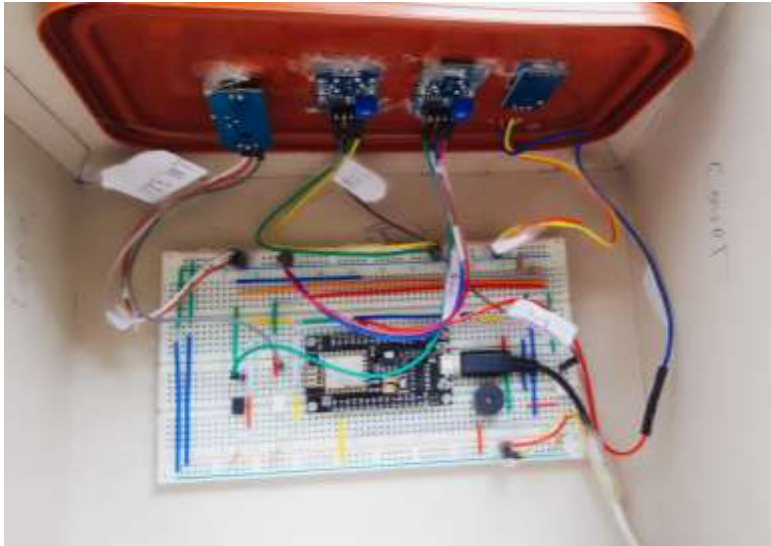
The device measures the air quality, sound, temperature and humidity in the environment. Multiple sensors are embedded into the device to get the above readings. These type of devices can be located at several locations and all the devices are connected with a main server. Readings obtained from each and every device can be send to the main server. When the standard limits of the above three values are exceeded, the entities who are maintaining the main server, are alerted by alarming a buzzer. You can maintain a main server if you are intending to monitor the above mentioned pollution parameters.

2.0 Device



1. Sound sensor
2. CO₂ sensor
3. CO, smoke, LPG sensor
4. Temperature & Humidity
5. Power Socket

2.0 What's inside the device?



3.0 How to use?

1. Supply power to the device through the power socket (5)
2. Connect to a Wi-Fi network or hotspot
 - Change your Wi-Fi SSID and password into the provided SSID and password
 - SSID: abc Password: abcdefgh
 - The server machine and the device should connect to the same network
3. Go to the Adafruit server login site through the following link
https://accounts.adafruit.com/users/sign_in

A screenshot of the Adafruit website's sign-in and order status page. The page has a dark header with the Adafruit logo and navigation links: SHOP, BLOG, LEARN, FORUMS, and VIDEOS. On the right, there are links for 'Sign in' and 'Items'. The main content area is divided into two columns. The left column is titled 'SIGN IN' and contains a text box for 'EMAIL OR USERNAME', a text box for 'PASSWORD' with a 'Forgot your password?' link, a 'SIGN IN' button, and a 'NEED AN ADAFRUIT ACCOUNT?' section with a 'SIGN UP' button. The right column is titled 'ORDER STATUS' and contains a text box for 'EMAIL ADDRESS', a text box for 'ORDER NUMBER' with a 'Where do I find this?' link, and a 'CHECK ORDER STATUS' button.

4. Sign in using the username and password provided
 - Username: menukanayanadeepapdn@gmail.com
 - Password: lot@air
5. After signed in you can see the real time data variation displayed on separate gauges which are representing separate parameter values.



6. When at least one of the parameter value is exceeded the standard limits the buzzer in the device is beeped to alert.

4.0 Troubleshooting

- If the device cannot connect to the server;
 - Check whether the server and the device are connected to the same network
 - Check the signal strength and proxy server
- If there is an internal device error contact:
 - Dilshan - +9471890843

5.0 Safety Precautions

Not water resistance



Input voltage should not exceed 12v

