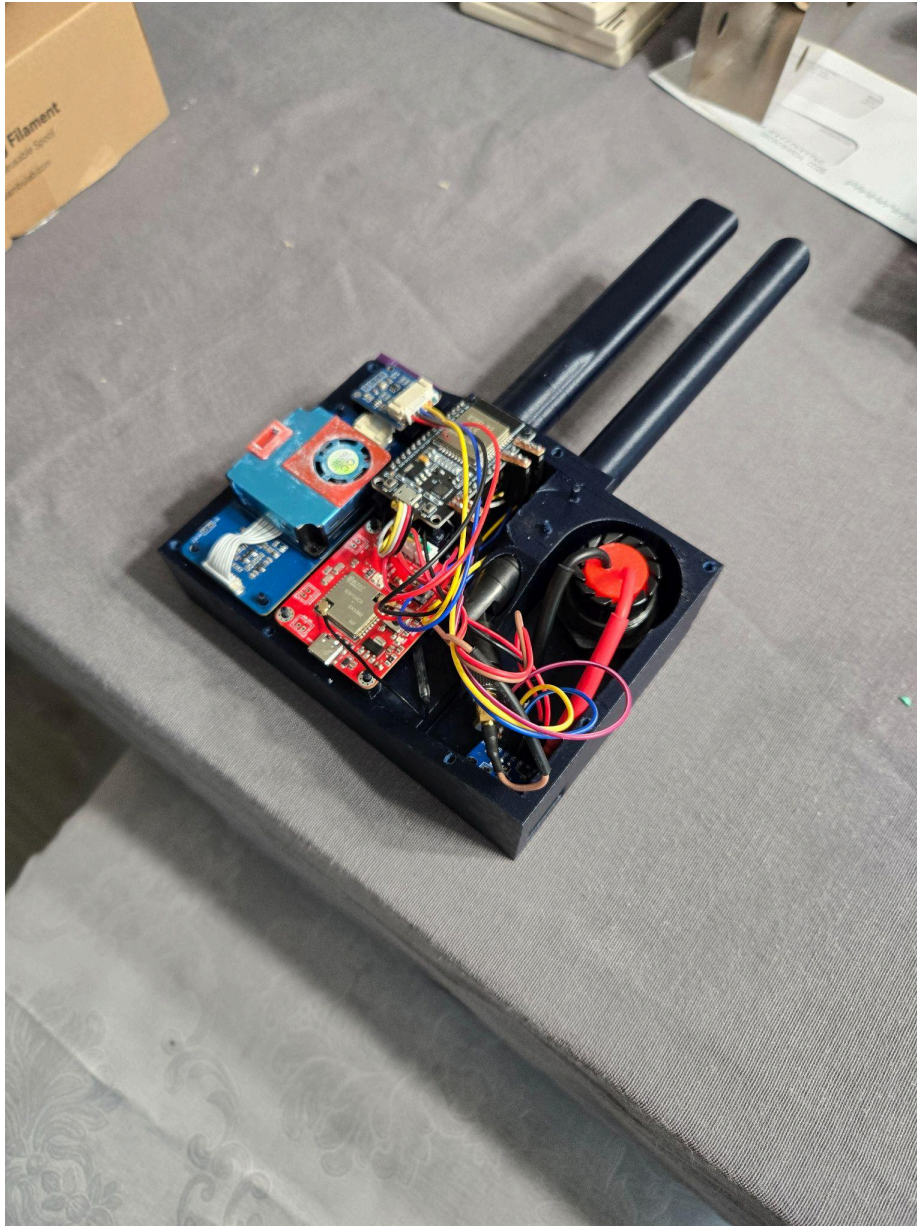## Pictured Below is One Sensor Node that is Part of a Larger Network Called FIRESmart:

This Node Includes:

- A BME680 Air Sensor
- An HM/3300 Particle Counter
- One ESP32 microcontroller that gathers all sensor data and sends it as a packet to the sensor modem
- One ESP32 modem that receives packet and can either send it to another node using radio or to a Meshtastic MQTT server using WIFI