**Drone specifications**

* Width: 34.29 cm
* Length: 40.005 cm
* Height: 6.35 cm
* 4 mounts for propellers
* a base part with battery mount to connect to the base mount
* the drone legs to keep it standing up right on the ground
* The drone also has the power to carry a basic camera \*holder not included\*
* The drone is meant to be able to use a thermal imaging camera for farmers to detect if their crops are getting enough water
* At max power the drone can average about 690 grams of thrust from each motor and at 50% power about 340 grams of thrust from each propeller
* the drone comes with its Wi-Fi access that is the method of control with a website you go to for controlling the drone.

**How to Operate the drone**

As of now, you can’t operate the drone. We tried and the wiring is not good so it needs to be fixed. if it were to work you would power on the drone, connect to the Wi-Fi, access its webpage, and then control it from that page. The webpage would also allow you to view the thermal camera on the drone.