

Components

Component	Name	Action	Challenge
Acceleration Sensor	Adafruit 10-DOF IMU Sensor	Integration	Sensor data is not very reliable
Connectivity	Wifi, MQTT	Development, Configuration	Relatively high energy consumption
Embedded HW	Arduino Yun	Integration	May not work reliably over long time
Embedded SW	Arduino	Integration Development	Subpar IDE
Cloud Platform	IBM Cloud	Cloud Integration	Authorization issues
Cloud SW	Node-RED	Cloud Integration	Failure to display