

Building Management System

Sensor modules

5x Temperature/humidity sensor

Ethernet connexion

Server rooms + SLA room

Hardware

WESP32

PoE

ESP32

50USD

Temperature +/-0.4C

Si7021

Humidity +/-3%

9USD

SD Card module?

10x Seismic Sensor

LoRaWan connexion

1-2 per Weta Buildings

Hardware

LoRa

Battery holder

TTGO T-Beam

OLED

GPS

ESP32

D7s

Seismic sensor

SI value

PGA Value

Firmware

Ethernet

LoRaWAN

Gateway

Hardware

TBD

Ethernet

Server

Hardware

Software