

Architecture

Application and Profile

LoRa/Sigfox
Protocol Stack

Link Layer

Connectivity



CMWX1ZZABZ-078



Cortex-M0
32MHZ

Sensors



3D Accelerometer
& 3D Gyroscope
LSM6DSOX



Magnetic Sensor
LIS2MDL



Relative Humidity &
Temperature Sensor
HTS221



Pressure Sensor
LPS22HH



RGB, IR and
Ambient Light
APDS-9250

Power

Li-ion Polymer



USB C



User Interface



Red-Green
LED



User Button

Data Logger



AT25XE041B

External interfaces

GPIO
PA9



SCL
I²C



SDA
I²C



GND
Ground

VCC
2.8v