

# || Vibes ||

## Use Case in HealthCare Industry



**S**eetha**R**am Mechatronics Pvt Ltd

← Bridging Gaps in Technology →

# || Vibes ||



Energy



ECO

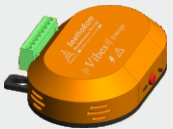
Fire & Smoke



## Patient Room



**Vibes ECO** is meant for reliable measurement of ambient conditions in the Office / Home / Utility and common area with great accuracy & continuously. Vibes ECO monitors the Humidity, Temperature, Light intensity and Human Occupancy within the room. Vibes ECO uses Capacitive humidity sensor with a bandgap Temperature sensor with measurement capability of humidity range of 0 to 100 %RH, & temperature range of - 40 °C to 125 °C with a typical accuracy of  $\pm 2$  %RH and  $\pm 0.2$  °C.



**Vibes Energy** can be used to measure current in 3 channel 1phase or 1 channel 3phase four-wire (Y or  $\Delta$ ) systems. Current is sampled over Current Transformer (CT) or Rogowski coil (di/dt coil). Measurement abide by Poly-phase energy meters of class 0.2S, 0.5S and class 1 which are used in three-phase four-wire (3P4W). It is used for High-Performance Wide-Span Energy Metering.



**Vibes Flame & Smoke Detector** ensure immediate detection of fire hazard and ping server of imminent danger.



# Vibes



Fire & Smoke



RhT

Pharmacy



**Vibes RhT** is meant for industry-proven reliable measurement of ambient room conditions. Humidity and temperature parameters are the primary parameters to be measured constantly to ensure healthy environs. This device uses Capacitive humidity sensor with a bandgap temperature sensor and covers a humidity measurement range of 0 to 100% RH & a temperature measurement range of - 40 °C to 125 °C with a typical accuracy of  $\pm 2\%RH$  and  $\pm 0.2^\circ C$ .



**Vibes Flame & Smoke Detector** ensure immediate detection of fire hazard and ping server of imminent danger.

# || Vibes ||



Fire & Smoke



Meya Ambient

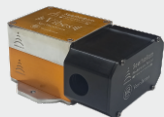


Ventilation

## Operation Room



**Meya Ambient** is a Colour TFT indicator cum IoT enable device with built in Multiple ambient sensors. Each sensor has industry grade precision for continuous long time operation.



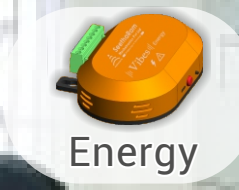
**Vibes Ventilation** measures the adequacy of ventilation within the room so that aeration is maintained.



**Vibes Flame & Smoke Detector** ensure immediate detection of fire hazard and ping server of imminent danger.



ECO



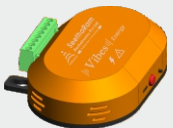
Energy



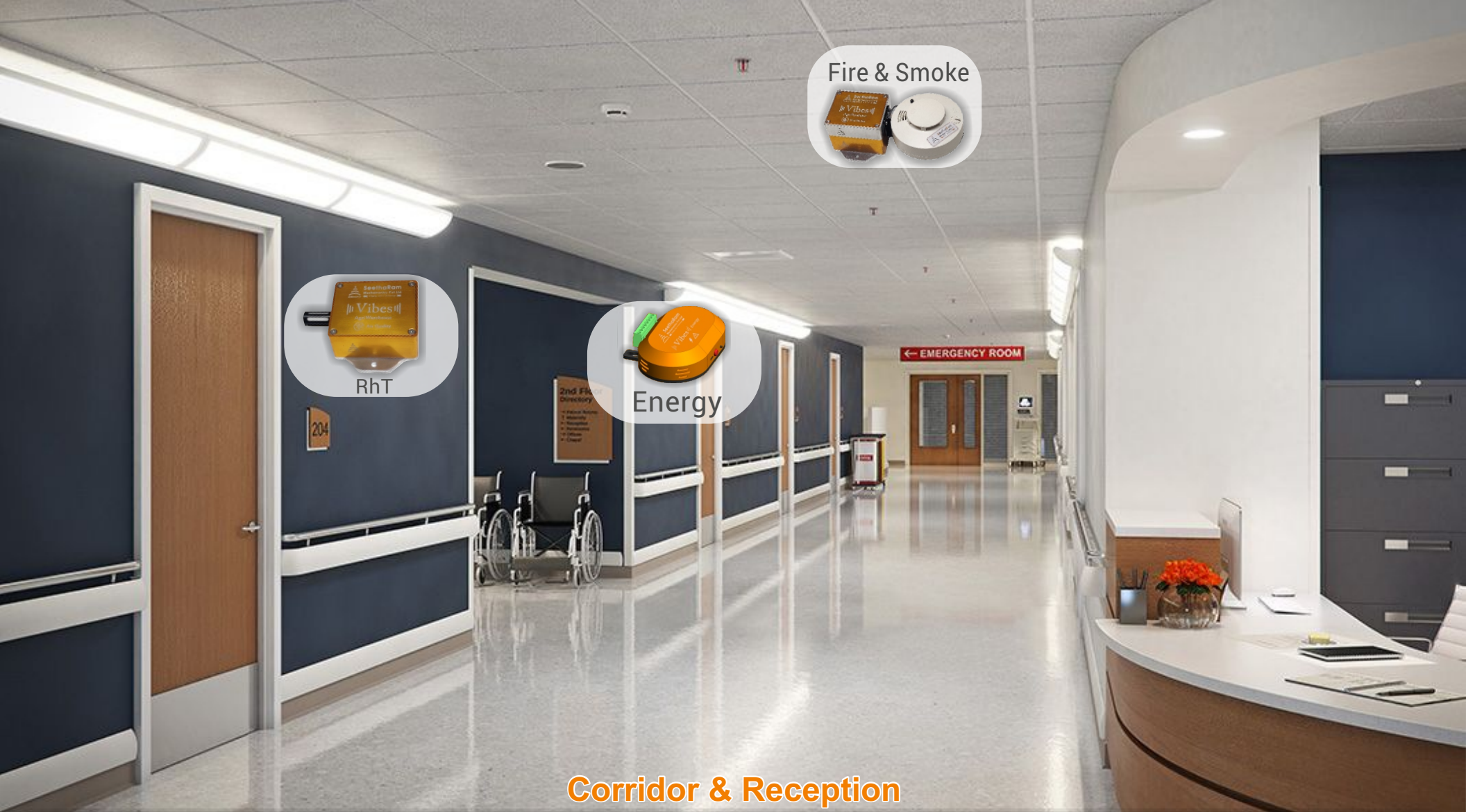
## Consulting Room



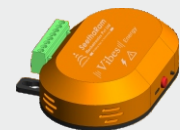
**Vibes ECO** is meant for reliable measurement of ambient conditions in the Office / Home / Utility and common area with great accuracy & continuously. Vibes ECO monitors the Humidity, Temperature, Light intensity and Human Occupancy within the room. Vibes ECO uses Capacitive humidity sensor with a bandgap Temperature sensor with measurement capability of humidity range of 0 to 100 %RH, & temperature range of - 40 °C to 125 °C with a typical accuracy of  $\pm 2$  %RH and  $\pm 0.2$ °C.



**Vibes Energy** can be used to measure current in 3 channel 1phase or 1 channel 3phase four-wire (Y or  $\Delta$ ) systems. Current is sampled over Current Transformer (CT) or Rogowski coil (di/dt coil). Measurement abide by Poly-phase energy meters of class 0.2S, 0.5S and class 1 which are used in three-phase four-wire (3P4W). It is used for High-Performance Wide-Span Energy Metering.



## Corridor & Reception



**Vibes Energy** can be used to measure current in 3 channel 1phase or 1 channel 3phase four-wire (Y or  $\Delta$ ) systems. Current is sampled over Current Transformer (CT) or Rogowski coil (di/dt coil). Measurement abide by Poly-phase energy meters of class 0.2S, 0.5S and class 1 which are used in three-phase four-wire (3P4W). It is used for High-Performance Wide-Span Energy Metering.



**Vibes RhT** is meant for industry-proven reliable measurement of ambient room conditions. Humidity and temperature parameters are the primary parameters to be measured constantly to ensure healthy environs. This device uses Capacitive humidity sensor with a bandgap temperature sensor and covers a humidity measurement range of 0 to 100% RH & a temperature measurement range of - 40 °C to 125 °C with a typical accuracy of  $\pm 2\%RH$  and  $\pm 0.2^\circ C$ .



**Vibes Flame & Smoke Detector** ensure immediate detection of fire hazard and ping server of imminent danger.

# Vibes

An IoT Platform



**SeethaRam**  
Mechatronics Pvt Ltd

▶ Bridging Gaps in Technology ◀

## Build quality



Tough Industrial Grade Aluminium Enclosure

## USB - C



User friendly & Latest Gen

## High Resolution Sensor



Connected with high resolution & reliable sensors

## Truly wireless



No need of extra gateway

## Multi Protocol

http://

MQTT

Support both HTTP & MQTT

## FOTA Updates



Enable Vibes upgrade the firmware remotely & seamlessly

## User Friendly Device Configurator App

Easily configure Vibes with cloud server and also can view device data locally on APP Dashboard

