Sensor Cloud Solutions
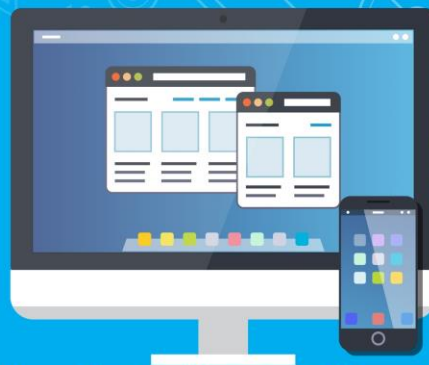
Wireless Sensors

Wireless Gateway

- Varity of wired and wireless sensors
- Ethernet, WiFi, 3G, LTE, NB-IOT Gateways
- Access Anytime From Anywhere,Instant Notification With SMS,Email and Mobile Pop Up

Cloud based Monitoring and Alerts

Feature Highlights:

LoRa Node
Part No: ECM_LRMS_01

LoRa Node speeds up your Internet of Things (IoT) project deployment in an easy and scalable way. It consists of built-in sensors with various interfaces which can connect to other sensors with different interfaces.

- Long range communication. Up to 16 km range in line-of-sight condition.
- Deep in-building penetration (2km)
- Low-Power Wide Area Network (LPWAN) RF module
- Able to connect different data
- Local status LEDs with transmission and online status indicators
- 2-way communication
- DC or battery operation
- Sensor reading: Temperature, Humidity and 2 meters wired Water sensor

Specification:

Connectivity	
Technology	LoRaWAN 1.0.1 compliant
Antenna	SMA Male Type
Power	
Input Power	DC 5V
Battery Power	DC 9V
Mechanical	
LEDs	Power, connection and information
Enclosure	Metal
Dimensions	66.5mm x 90mm
Operating Temperature	-10ºC to +70ºC
Storage Temperature	-20ºC to +85ºC
Wireless	
Frequency	860-1020 MHz
Wireless Range	Up to 16km range Deep in-building penetration – 2km
Security	AES-128
Data rates	293bps – 20 Kbps + FSK up to 300Kbps
Sensors	Temperature, Humidity and 2 meter wired Water sensor