

Edge Device

Multi-Sensor Unit



- Machine Monitoring
- Monitors Voltage
- Wireless Operation
- Easy interface to Cloud platforms
- Connects to both cellular and Wi-Fi

Edge Device Series uses an innovative design to offer low-power, cloud enabled wireless sensor devices.

Edge device measures various parameters of machine including machine monitoring. It fetches data from machine using RS485 Serial. Temperature Sensor measures the thermal conditions of surrounding the probe is placed in. These sensors accurately monitor temperature changes in its physical location. The fetched data will be sent to the cloud platform through Wi-Fi using the built-in MQTT engine.

Cloud platform service is available for purchase where the telemetry data can be stored in a scalable and fault-tolerant way. The platform offers tools that can be used to visualize and analyze your data with built-in or custom widgets. It allows you to create rich IoT Dashboards for data visualization and remote device control in real-time. The platform also allows you to create rich IoT Dashboards for data visualization and remote device control in real-time.

Applications:

- Environmental Monitoring
- Warehouse Monitoring
- Cold Storage Monitoring
- Building Automation
- In-transit Pallet Monitoring
- Machine Monitoring

Edge Device Specifications

General	
Power	5V 1A DC
Operating Temperature	-40°C...+80°C
Dimension (in)	7.565 x 4.250 x 2.305
Interface and Protocols	WIFI, GPS/GSM, RS485 Serial & MQTT
IO Slots	Micro SIM Slot (If GSM present)
Temperature Sensor	
Range	-55°C...+125°C
Accuracy	±0.5°C
Voltage Sensor	
Range	0 – 10 VDC
Resolution	16 bits

Dashboard on CrystalBall Cloud Platform:



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