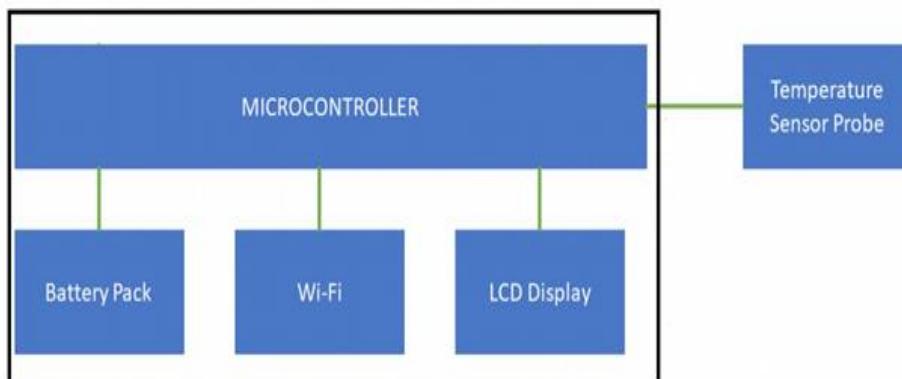


Temperature sensors transmit data wirelessly to cloud using the Wireless network and IoT communication technology. The sensors data can be monitored on LCD Display as well as dashboard in real time. Dashboard can be easily accessible on any of the device be it laptop, desktop or a mobile device. This device is powered by 1000mAh battery Pack. The measurement period is 1 minute. The device will sleep for 1-minute period and wake up to finish the defined operations. The device support up to 24 Hours of running time if data logging interval is set to 1 minute. Charging of device is easy as charging a cell phone as it has USB Type B connector



## Functional Diagram



## PRODUCT HIGHLIGHTS

- Single Package solution.
- Easy to setup.
- Plug and go.
- Battery operated.
- Low power consumption.
- Comes with Display.
- Waterproof sensor suitable for food application.
- High precision measurement.
- Real time monitoring.

## INDUSTRY APPLICATION

- Factory Automation
- Automotive
- Food & Beverage
- Oil & Gas
- Energy and Power Utilities
- Wind and Solar
- Building Automation

## SPECIFICATIONS

Specification	Specification Details
Processor	32bit CPU
Speed	240MHz
Flash	Inbuilt 16MB
Wi-Fi	802.11 b/g/n AP/STA mode
LCD	1.54" inch E-PAPER Display
Temperature Sensor	SS based industrial thermocouple probe
LEDs	2 STATUS LEDs
Button	On/Off push button
Power Supply	Battery Operated
Battery	Li-Polymer 1000mAh rechargeable
Charging port	USB Type B
Charger rating	5V 1/2/3A
Charging Time	180 Minutes
Enclosure	White ABS Plastics Top and Bottom with Battery compartment
Operating Range	0° to 65°C
Temperature Sensor Range	0° do 700°C
Temperature Sensor Accuracy	+ / - 1.25 °C
Temperature Resolution	0.25 °C
Probe length	6" Inch ,
Dimensions (LXBXH)	135 X 75 X 30 MM