

FridgeMON-101

Wireless Industrial Fridge Monitoring Sensor



- ✓ Temperature monitoring of refrigerators
- ✓ Cold chain applications
- ✓ Monitors fridge door
- ✓ Industrial design
- ✓ Ultra-long battery life

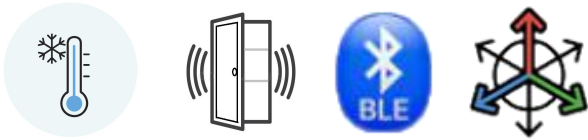
FridgeMON is a wireless sensor solution developed for temperature and door activity monitoring of industrial refrigerators. It measures the temperature inside the refrigerator and detects & counts door opening / closing events .

FridgeMON-101 transmits the measured values wirelessly with Bluetooth Low Energy technology, as a BLE beacon.

With its sensitive magnetic field sensor, FridgeMON detects door openings precisely than conventional reed type mechanical switches, providing an easier and more convenient mounting, immune to alignment errors.

With its built-in digital accelerometer, FridgeMON may also detect the usage of the fridge, door opening / closing events, where it is not possible to mount a door magnet.

FridgeMON-101, can be used to monitor the inside temperature of the fridges, in sensitive cold chain applications, and to collect sales activity information based on door activity counter.



- Temperature sensor type : digital
- Measurement range : -40 .. + 85°C
- Measurement precision : 0.5°C
- Operating temperature : -40 .. + 85°C
- Magnetic Door sensor
- Door activity close counting (32-bit counter)
- Communication: Bluetooth 5.1
- BLE protocol : Beacon (advertise)
- Data tx interval : 5 sec. (default)
- Wireless distance : ~80m
- Motion Sensor : 3-axis mems
- Housing : ABS plastic box
- Dimensions : 35 x 85 x 15mm
- Battery Life : Average 5 years
- IP protection : IP67

