

Features

- 1 x PT-100 input
1 x general proposed contact inputs
- Built-in Power Failure Detector
- WLAN Built-in
- Send Alarm Messages via LINE/Email Notification
- Built-in Data Logger
- Built-in Back Up Rechargeable Battery
- Remote Monitoring Feature via IOT Cloud
- Integrated With All Intelligence Field-Controller

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Overview

The FM-151W is an Stand Alone WiFi Web Server Freezer/Refrigerator Monitoring/Alarm Module that gives an integrated system solution for monitoring freezers/refrigerator in the facility.

Application

- Vaccine/Medicine Storage
- Food Storage
- Laboratory

Inputs

The FM-151W provides one PT-100 input for monitoring real time freezers/refrigerators temperatures, and one general propose contact input which can be used to monitor such as; freezer door, etc.

Alarm Notification

The FM151W provides a built-in buzzer and LINE/Email Notification feature to notify the operator In case of the current temperature of the unit rises above or fall below the preset limit, freezer door left to be too long open or freezer/refrigerator power supply failure.

Historical Data Record

The FM151W provides a built-in SD card for recording the historical freezer temperature data up to 5 year with the time and date stamp and automatically recorded and stored as a files in a CSV or Excel format.

Cloud Based Real Time Monitoring

The FM151W provides the remote monitoring feature that allows the user to be able to monitor Real time Freezer/Refrigerator temperature remotely over the mobile phone through IOT cloud based.

INTELLIGENCE

Model FM-151W WiFi Freezer/Refrigerator Monitoring Unit



Specifications

Power	5VDC
Back up Battery	Rechargeable Lithium-Polymer (2 hr. back up time)
Display:	2.0" TFT Display
Real Time Clock:	Built-in RTC
Inputs:	1 x PT-100 input (Measuring range -200 to 100 C. +/- 0.3 C. Accuracy) 1 x General Propose Contact input
Communications	WLAN
Alarm Notify: Notification	via LINE/Email Alarm Buzzer (Built -in)
Data Logger :	More Than 5 Year Historical Data Record
Protocol Support:	MODBUS TCP MQTT
Dimension :	92mm(W) x 65mm(H) x 20mm(D)