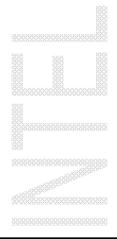
INTELLIGENCE

WIFI Freezer/Refrigerator Monitoring Module

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 Rechargable Battary
- 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/MedicineStorage
- 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.

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Model FM-151W

WIFI Freezer/Refrigerator Monitoring Unit





Specifications

Power 5VDC

Back up Battery Rechargeable Litium-

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: via LINE/Email Notification Alarm Buzzer

(Built -in)

Data Logger: More Than 5 Year

Historical Data

Record

Protocol Support: MODBUS TCP

MQTT

Dimension: $92mm(W) \times 65mm(H)$

x 20mm(Ď)