

Features

- 2 PT-100 inputs
3 general proposed contact inputs
1 Alarm Relay Contact
- POE Ethernet Built-in
- WLAN Built-in
- Send Alarm Messages via LINE Notification
- Send Alarm Messages via SMS (Optional)
- Back Up Rechargeable Battery Built-in
- Remote Monitoring Feature via Cloud IOT

Intelligent Control Systems Co., Ltd.

391 Silom Road
Bangkok 10500
Thailand

Tel: (662) 2668852-4
(662) 2665197
Email : info@ics.co.th
Website: http://ics.co.th

Overview

The FM-250W is an Stand Alone WiFi Web Server Freezer 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-250W provides two PT-100 inputs for monitoring real time freezers/refrigerators Temperatures, and other 3 general propose contact inputs which can be used to monitor such as; freezer door status or power supply failure status, etc.

Outputs

The FM-250W provides 1 Form A Alarm Contact that can be used to connected to Alarm Strobe Light or sounder in the even when the freezer is under alarm condition.

Alarm Notification

The FM250W provides a built-in 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 power supply failure.

Historical Data Record

The FM-250W provides a built-in SD card for recording the historical data up to 1 year and the past temperatures with the time and date can be automatically recorded and stored as a files and can be exported in a CSV or Excel format.

Cloud Based Real Time Monitoring

The FM-152W provides the remote monitoring feature that allows the user is able to monitor Real time Freezer/Refrigerator temperature remotely over the mobile phone through IOT cloud based.

INTELLIGENCE

Model FM-250W

WiFi Freezer/Refrigerator Monitoring Unit



Specifications

Power	Power Over Ethernet (POE) or 9-28VDC
Back up Battery	Rechargeable Lithium-Polymer
Display: Real Time Clock:	OLED 128x64 Built-in RTC with back up battery
Inputs:	2 x PT-100 inputs (Measuring range -200 to 50 C.) 3 x General Propose Contact inputs.
Outputs: Contact	1 x Form A Alarm Contact (1 amp contact rating)
Communications	1 x POE Ethernet 10/100 1 x WLAN
Alarm Notify: Notification	via LINE/Email (Built -in) via SMS (Optional)
Protocol Support:	MODBUS TCP MQTT