

# QRLab Temperature Alarm Monitoring System



**Model: QTM**

## Application

- Laboratory and Quality Test Workshops
- Cold Storage Monitoring
- Pharmaceutical Storage Monitoring
- Measuring Equipment Temperature in Multi-sites

## Features

- QTM Temperature Monitoring System allows the user to pre-set a temperature range and receive an alert if the current temperature exceeds the pre-set range.
- The operation temperature sensor can be adjusted from -86°C to 100°C (QTM-1) and the unit can be set to alarm on over temperature or under temperature.
- In case of power failure, the system will integrate with 12V backup battery to remain the function of temperature monitoring up to 48hours.

## SPECIFICATIONS

Model	QTM-1	QTM
Controller	PID controller	
Sensor	PT 100	SN 4
Sensor Temperature Range	-100°C to 100°C	-40°C to 125°C
Operation Temperature Range	-86°C to 100°C	-35°C to 70°C
Alarm Condition	High-Alarm, Low-Alarm, A.C Failure	
Setting and display	Digital, display to 1°C	Digital, display to 1°C
Power consumption	50W	
Backup Battery	12V 9AH	12V 4.5AH
Dimensions (mm)	310mm(W) X 320mm(D) X 130mm(H)	
Voltage	240 VAC, 50Hz	
Weight	5 kg	
Out puts	- Ancillary Output (GSM) - Remote Alarm Contact	
Optional	GSM Remote Alarm System	