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Design for future



Contactless IR Thermometer

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Contactless IR Thermometer

The Contactless IR Thermal Scanner is a thermometer for checking the temperature of personnel without any physical contact. It can be mounted on a wall, a tripod or any other equipment used for security at the entry points. It is safer than the thermometers requiring the proximity of a person to hold and check, as the risk of transmitting infections from the person checking, is eliminated.

It has several other features to facilitate the process of entry of people to the establishments. One can wave the hand near the sensor and it will record and show the temperature. In case the hand is not at the right distance from the sensor, it will prompt to move nearer.

It also gives an alarm if the temperature is more than the permissible limit. It can store the data of the temperature recorded for future analysis. It also has a battery back-up for operating during the situations of power failure.

It can be used for checking the temperature of the people and screening them, in many situations like offices, factories, malls, shopping complexes, schools, hospitals and for that matter at any establishment. Its battery back-up helps in installing as part of temporary arrangements for gatherings like conferences, exhibitions, election meetings, VIP visits and any functions.

This safe, convenient, feature rich, contactless IR thermometer, suitable for multiple applications comes at a user-friendly price.



Key Features:

- Fast, accurate temperature measurement
- Can be mounted on a tripod or a wall
- Records automatically; audio Instructions.
- Alarm for temperature more than normal
- Prompts in case the hand being sensed is far from the sensor.
- Battery back-up; Rechargeable
- Auto shut-off function
- Convenient for use
- Less Maintenance
- Cost-effective

Key Specifications:

- Temperature range: Body Temp - 89.6 to 108.5°F (32 to 42.5°C)
- Resolution: 0.1 °C
- Accuracy: $\pm 2\%$ of reading or $\pm 2^\circ\text{C}$ (the highest value is valid)
- Emissivity: 0.3 to 1.0 (adjustable)
- Response time: less than 0.2 seconds
- Memory: 200 Readings
- Interface: USB (for data transfer)
- Display :7 Segment Display
- Power :5V power adaptor (4 hours power backup)
- Optimum Distance - 10-15cm