

INTRODUCTION

The PIR-1 is a non-touch Infrared Thermometer with an integrated LCD as well as an extra, bigger LCD to measure human body temperature via the hand wrist, palm as well as forehead.

You just need to put your hand or your wrist or forehead over the sensor at a 2-8 cms distance and you will get the body temperature instantly.

The PIR-1 uses 2 sensors – a distance sensor and a temperature sensor, to get accurate temperature measurements quickly and safely.

No human intervention or manual coordination is required, hence saving on manpower resources as well as keeping humans safe from any contact. When used at any Entry/Exits, people can walk through the check-points quickly without any crowding or queuing. The PIR-1 is mountable on almost any surface and features multi-angle adjustment. This product works with all kinds of displays, security doors and channel gates with an Alarm Alert.

Also, the data can be uploaded to the Cloud for record and analysis.



INFRARED TEMPERATURE DETECTOR WITH INTEGRATED LCD AND ATTACHED LED SCREEN

Package includes:

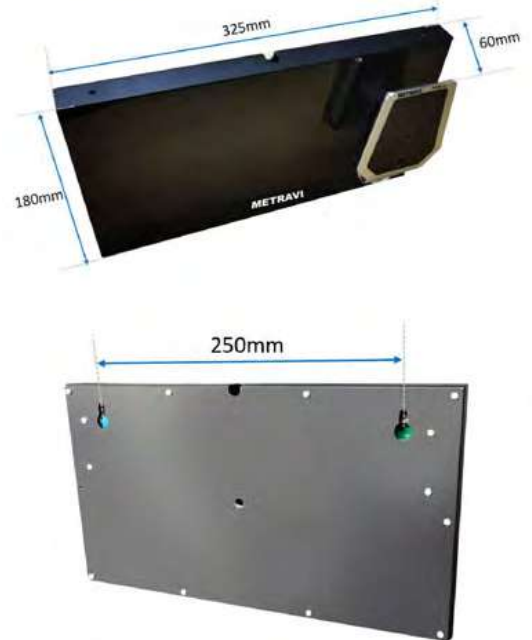
- LED display
- Testing device (with integrated LCD)
- Power Adaptor
- Screws

If you have your own platform, the PIR-1 allows you to upload and store the data to your server.
Using RS458 interface, integration is possible with most systems.

SOLUTION & APPLICATION



MOUNTING & FIXING DETAILS



GENERAL SPECIFICATIONS

Double Sensors	Distance (laser) + Temperature sensor (Medical level)
Display	Integrated LCD to show the number directly Extra LED display
Temperature Measurement Range	-10.0°C to 100°C (-50°F to 212°F)
Measuring Distance	2-8cm
Measuring Speed	<0.5s
Temperature Resolution	0.02°C
Measurement Accuracy	±0.2°C
Best Operating Temperatures	15-40°C
Temperature Tolerance	±0.2°C
Measurement in °C/°F	Settable
Alarm	Audible Alarm , Default setting at 98.4°F
Size	95mm * 155cm* 90 cm (testing panel); 325mm*60mm*250mm (LED display) 375mm*215mm*85mm (package size)
Weight	1.8 kg
Design	Multi-angle adjustment
Certifications	CE, FCC
Power Supply	DC12V, 0.3A
Adaptor	AC220V convert to DC12V
Working Method	Can be fixed on almost any surface
Operation Method	Put hand over the testing place, no manual intervention
Interface	RS485