

Free Standing Temperature Reader

Non-Contact reading, pass-rate counting

Free-standing Unit • Temperature Detection • Alarm Notification
• Touch-screen Control • Zero setup, • Rapid deployment.

Introduction

RE-TMP wrist non-contact temperature reader.
Fast and accurate temperature reading $\pm 0.3^{\circ}\text{C}$
Zero technology setup, power on and use.
Pass rate counter, temperature reading OSD
Touch-screen setup, no Network connection.
With or without attachable/adjustable pole bracket.

Features

- » 1 - 4cm recognition for temperature reading.
- » Alarm for elevated temperature reading.
- » 7Inch Display counters for passing rate
- » Display alarm reading rate.
- » Ultra-large display of temperature reading.
- » No setup required, out the box operation*

Hardware

Solution	Linux Embedded OS (Non-Android) 16GB MMC
Display	Touch Screen 7" 600x1024pixels

Recognition

Wrist Detection Distance	1—2 cm [0.39—1.48Inches]
Detection Time	200ms [0.2Seconds]
Temperature Deviation	$\leq \pm 0.3^{\circ}\text{C}$
Temperature Precision	0.1 $^{\circ}\text{C}$

Physical

Material	Stainless rust free material. SUS304
Detection Unit Dimensions	137.5 x 340 x 69mm [5.4" x 13.38" x 2.72"]
Pole Dimensions	137.5 x 340 x 69mm [5.4" x 13.38" x 2.72"]
Pole Mount Thread	M36 (36mm thread. 1.5mm pitch)
Weight of Pole Mount	0.641kg [1.41lb]

General

Cable	Power, Alarm in/out, Network
Network	10/100 RJ45
Power	DC 12V 1.5A (10Watt)
Operating humidity	<95%, non-condensing

* Device 1st power on will temperature calibrate to the current environment.

Functions

Networking	Simple WEB Configuration (software up-grade function)
Touch Screen	Basic settings of device
Audio Alarms	In-built speaker for information
Visual display	Display in $^{\circ}\text{C}$ or $^{\circ}\text{F}$ setting
OSD Display	Enviroment Temperature Alarm Count Normal Count Last/Current Temperature reading

CAD Dimensions

