

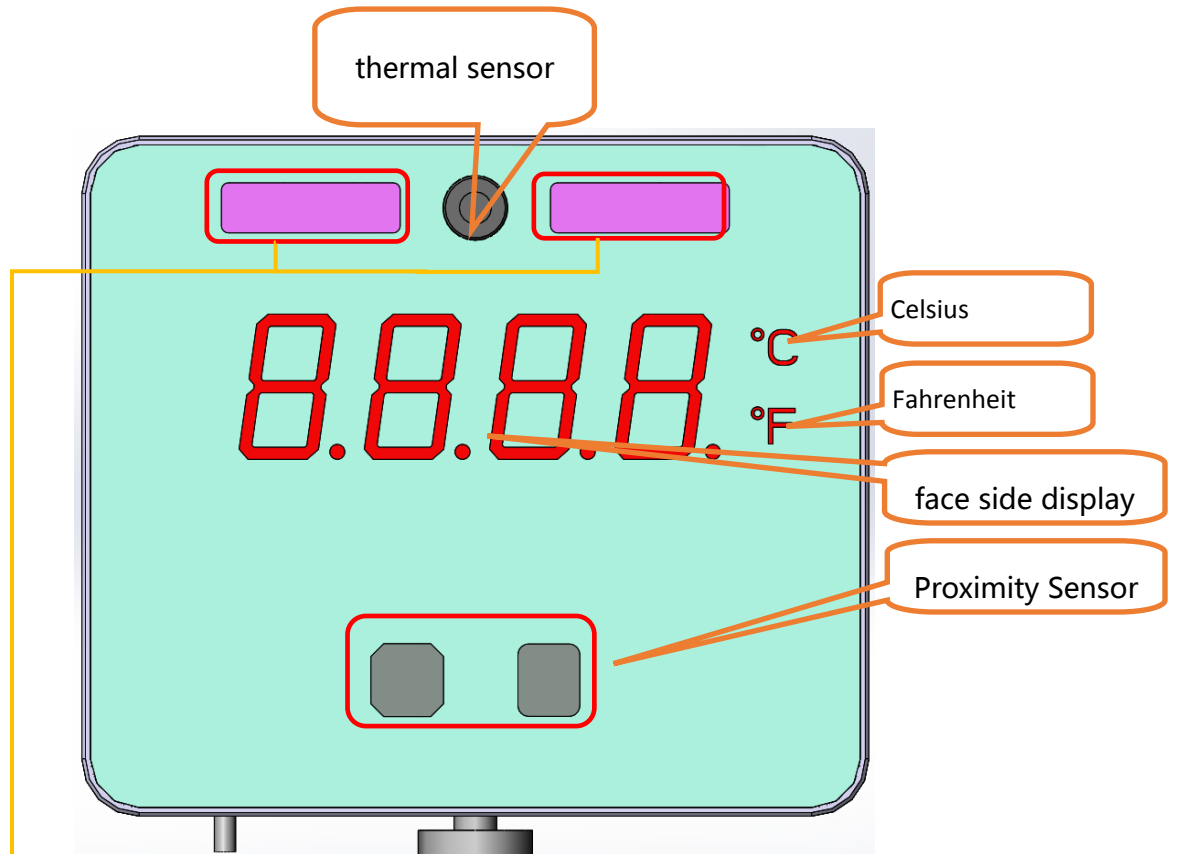
Contactless Temperature Screening Detector

User Manual

Features

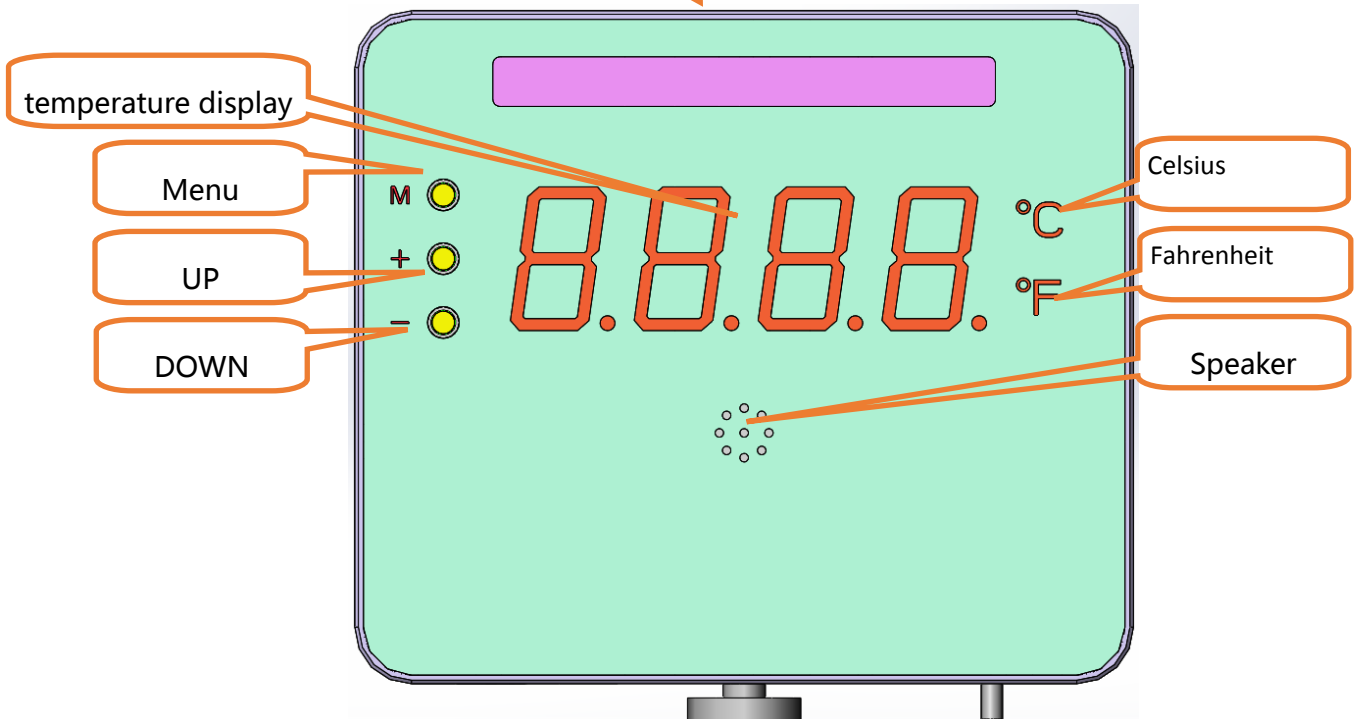
- >Medical Grade thermal image infrared temperature sensor: MLX90614ESF-DCI ;
- >Dual-side LED displays.
- >High precision +/-0.1°C ;
- > Quick Measurement Within 0.5 Second for forehead and wrist;
- >Celsius/Fahrenheit Switch;
- >Fever Detection Alarm via LED flash & Bell;
- >Auto Re-detection When super low abnormal temperature detected (failed detection rejected).
- >Rugged Metallic Housing For Heavy Duty Use;
- >Built-in UART (mini USB) for further options like RFID, Relay;
- >Alarm volume & Alarm temperature point adjustable;
- >Proximity Sensor to detect user presence and illuminate the optimum standing area to guide the user for detection;
- > R/G/B for different body temperature indicator, R-red for elevated temperature, G-green for normal temperature, B-blue for super low temperature
- >Voice reading and reminder: English / Mandarin / Cantonese
- >Detection range: *10-45°C /50-113°F*

Mechanical Drawing

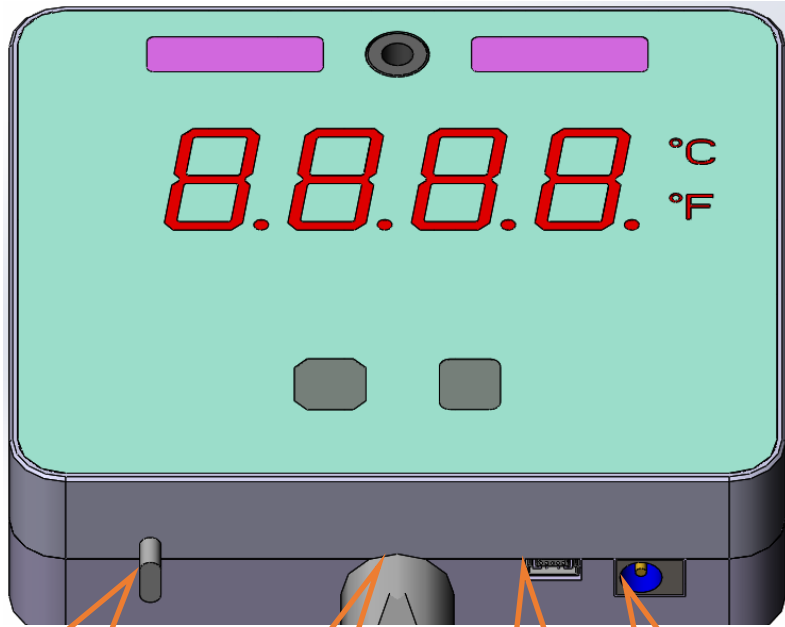


Frontal Side

temperature status indicator: R/G/B
lower temperature than preset value: Blue



Rear Side



On the bottom

standing line light slot

tripod bracket

Mini USB





































DC 12V IN

System Menu

1. Settings

Menu	Character	Settings	Memo
Celsius/Fahrenheit Switch; (C-F)		Press Menu to select press up and down to select , : Celsius , °C indicator will light on in red : Fahrenheit, °F indicator will light on in red	Default °C
Elevated Body Temperature Point For Alarm (H)		Press Menu to Select , press up/down one time to increase/decrease 0.1°C, long press for progressive adjustment	Default alarm point set 37.3°C/99.1°F
Low Body Temperature Point Alarm (L)		Press Menu to Select , press up/down one time to increase/decrease 0.1°C, long press for progressive adjustment	Default alarm point set 35.7°C/96.2°F
Standing Point Guider Light (GL)		Press menu to choose , Press up/down to switch between 0/ 1/ 2 Off Default Constantly lighted if the distance is larger than 140cm, other conditions are the same as the default	Default 1
Voice Reminder Language(CL)		Press menu to choose , Press up/down switch between 0/ 1/ 2 English Mandarin Cantonese	Default 1
Reset (R)		Press MENU to go into , press up or down until is displayed	
Exist Settings	No sign	Press Menu after reset sign is displayed or wait for 8 seconds to exit the settings	

2. LED sign characters and its meaning

Sign	Letter	Sign	Letter	Sign	Letter	Sign	Letter
	0		9		I		R
	1		A		J		S
	2		B		K		T
	3		C		L		U
	4		D		M		V
	5		E		N		W
	6		F		O		X
	7		G		P		Y
	8		H		Q		Z

Body Temperature Detection & Screening:

1. Standby Mode:

In standby mode, The proximity sensor is active and the temperature mode indicator brightness reduces its brightness level, all other functional parts will be closed.

2. The distance between human body and standing point guide light, and the light on/off switch

Between the distance 150~30cm, the kiosk's proximity sensor detects human body, turn on the standing point guide light and constantly lighted, until the human body's distance is 30cm, the temperature detection starts and the guide light is turned off.

2. Body temperature detection :

- 2.1 When body temperature equals or is lower than Low Body Temperature Point Alarm, the temperature status LED lights in blue, LED sign plate flashes two times to display the detected temperature, the speaker alarms in tones "DiDi" two times, and starts the voice reminder "please try again"
- 2.2 When body temperature is within normal range, to be lower than High Body Temperature Point Alarm and to be higher than Low Body Temperature Point Alarm, the temperature status LED lights in Green, speaker sounds one time "Di", voice reads out the detected temperature data, after reading is finished, the next detection starts.
- 2.3 When body temperature equals or is higher than High Body Temperature Point Alarm, the temperature status LED lights in Red, LED sign plate flashes two times to display the detected temperature, the speaker alarms in tones "DiDi" two times, and starts the voice reminder "high temperature"
- 2.4 If user's forehead area stays within the detection area of the thermal sensor (30cm distance), the detected temperature data will keep in display for 3 seconds.
- 2.5 If user's forehead goes out of the detection range and then returns back to the detection range, the temperature detection will restart.

Mechanical Drawing

