INFRARED THERMOMETER

With Non-Contact Facial Recognition and Access Management Integration

Improve the safety and security of employees, visitors, and guests

MODEL LIB-IR37

PROTECT

Medically-accurate, completely contactless and touchless temperature detection with mask recognition feature to increase safety and peace of mind for employees and guests.

ACCESS

Integrates into back office or building management systems via API to enable access management, with added visitor management.

TRACE

Facial recognition utilizes likeness-recognition algorithm with the ability to store up to 12,000+ contacts*. Track-and-trace feature mitigates widespread contamination.
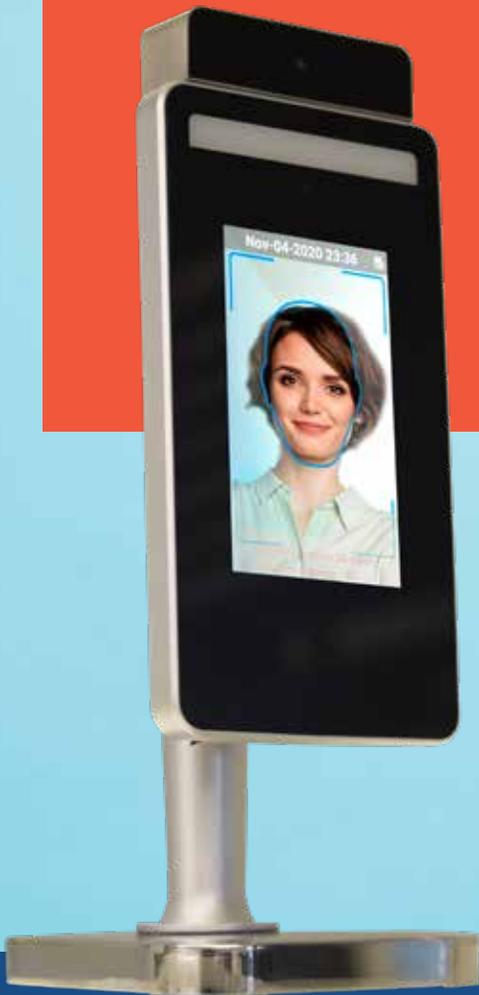
ADDITIONAL FEATURES

• Mask detection: identifies non-compliance, provides verbal and on-screen reminders

• Maintains speed of entry with fast read time (00.4 seconds) and consistent measurement accuracy

• Capable of taking photos and/or providing a visual and voice notification to wear a mask to ensure compliance

• Suitable for multi-applications and two thermometry modes:

    - Precision: Facial-detection, suitable for registered check-in users

    - Fast mode: Thermal only, no facial / mask detection

• Visitor reporting and management (local or PC software download)

• Notification emails (local and remote), sent by department

• Always up to date with free software updates for life

FULLY SUPPORTED

• Included global sales and technical support via Liberty AV's CXSupport+ help desk and resolution center

• Life-cycle software management available with support contract

• Easy to set up and deploy. Training available via video

• 2-year warranty

SPECIFICATIONS

• Included software development kit for API integration into back office or building management systems

    Example of use:

    - Approved, temperature meets requirements: door unlocks

    - Access denied, temperature is above guidelines: door remains locked

• Seven-inch full-color LED display

COMPLIANCE

• No Huawei chips or fans

• Conforms to NDAA** standards

• Intellectual properties maintained in UK

*Optional under GDPR guidelines   **National Defense Authorization Act

NDAA COMPLIANT

(S) SPECIFICATIONS

Touch panel display
7" full-color, IPS 800x480, LED G+G
Capacitive touch panel. Surface tempered glass

Camera
2MP camera (High-dynamic range)

Back-up light
White, LED, RGB camera back-up light

Audio
3W 4Ω speaker

Operating System / CPU / Processing Information
Android OS, Rk3288 quad-core 1.8G, DDR3 2G RAM, EMMC8G flash

Power
DC 12V/3A

Facial recognition*
12,000+ database recognition algorithm. Recognition speed: 0.4 sec

Detection distance
Ultrasonic technology delivers precise, medical-grade accuracy (±0.5°F / 0.3 °C) at 1.6- 2.46ft (0.5-0.75M). Optimum testing distance is 1.6ft (0.5m) at under 60˚F-95˚F / 16˚C-35˚C

Privacy features
Intellectual properties maintained in UK. Conforms to NDAA** standards. No Huawei chips or fans

WiFi connectivity
802.11 b/g/n 2.4 GHz

Data extraction
Via USB

API integration
Included software development kit for API integration into back office or building management systems

Control
One PC can control up to 200 devices

Mounting and display options
Desktop, free-standing, or wall-mount

Included in the box
Desktop version (LIB-IR37): Touchless LED iR37 unit, DC power adapter (DC 12V/3A), and desktop stand

Wall-mount version (LIB-IR37-WALL): Wall-mountable, touchless LED iR37 unit, DC power adapter (DC 12V/3A)

Free-standing floor base (LIB-IR37-STND): Free-standing pole, base for pole (iR37 unit sold separately)

Material
Aluminium alloy and 304 stainless steel

Warranty and service
Global sales and technical support via Liberty AV's CXSupport+ help desk and resolution center included. Life-cycle software management available with support contract. 24-month warranty

Set up / training
Designed for simple set up. Training support available via video

Application
Time attendance / Access Control & Security Management / Health & Safety / Track & Trace

* Optional under GDPR rules

(D) DIMENSIONS

Display only
6.3" x 8.7" x 1.5"; 6.6 lbs

Display w/ desktop stand (WxHxD, weight)
6.3" x 15" x 7.9"; 8.8 lbs

Display only, wall mount (WxHxD, weight)
6.3" x 8.7" x 2.5"; 9.9 lbs

Display w/ optional free-standing display (WxHxD, weight)
1.05' x 5.18' x 1.5' ;16.5 lbs

(T) TESTIMONIAL

Covid-19 is a very significant global healthcare threat – we were looking for the best Thermal Camera we could find which could measure the temperature of our personnel precisely. This was to ensure that anybody with early symptoms of Covid-19 i.e. a high temperature, was denied access to the workplace to help stop the spread of Coronavirus. Being in the healthcare industry and supplying many NHS hospitals in UK with our Clinell Universal Wipes, which are proven to kill the coronavirus in 30 seconds, we needed something very credible and effective.

We chose the iR37 because it was reliable and, having done some internal validation tests, the unit gave accurate temperature readings. We purchased some IR37's and can say that they provide huge reassurance to both staff and visitors alike, that we are doing everything we can to protect them from the Covid-19 virus.

GAMA Healthcare Ltd. is a dynamic, innovative company at the forefront of infection prevention technology. They specialise in the manufacture and distribution of revolutionary IPC products and the provision of exceptional aftercare support including to many UK hospitals.

INFRARED THERMOMETER
With Non-Contact Facial Recognition and Access Management Integration

Medical-grade temperature detection (±0.5°F / 0.3 °C)

White LED, RGB camera backup light

Anti-back-lighting, wide, dynamic camera. 6.56 ft. / 2M range

10,000+ database recognition algorithm. Recognition speed: 0.4 sec

13:18
Friday
2020.10.23

Custom face algorithm* calibration. Face mask recognition

Precise, ultrasonic technology distance measuring

SDK interface

*optional under GDPR rules

FREE-STANDING
Stand sold separately
(LIB-IR37-STND)

5.18′

3.7′

(Ø) 3.93″

1.05′

1.05′

WALL-MOUNT
(LIB-IR37-WALL)

7″ Display

13:15
Friday
2020.10.23

8.7″

6.3″

3.5″ Deep

DESK TOP
(LIB-IR37)

13:15
Friday
2020.10.23

15″

8.7″

7.9″

6.3″

LIBERTY
AV SOLUTIONS