

# INFRARED THERMOMETER

With Non-Contact Facial  
Recognition and Access  
Management Integration



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

## PROTECT

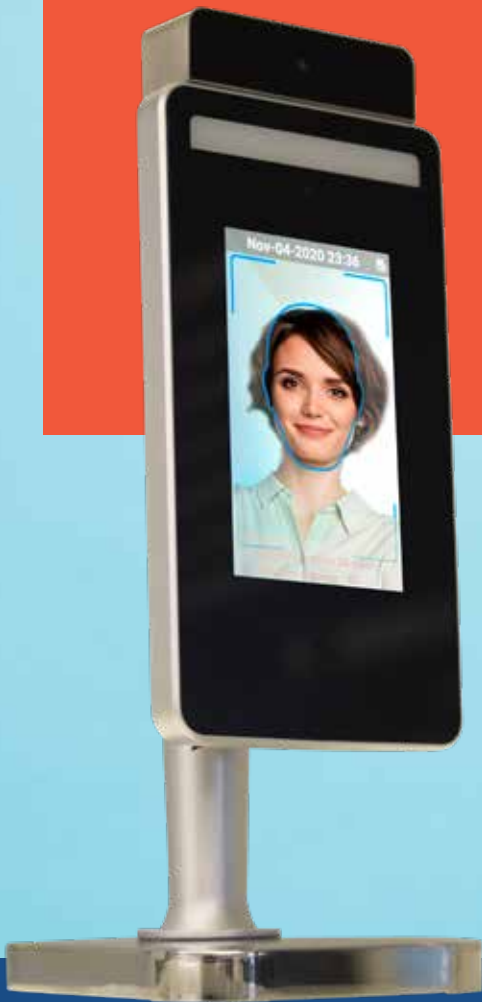
Medically-accurate, completely contactless and touchless temperature detection with mask recognition feature to increase safety and peace of mind for employees and guests.

## 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



## 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



## 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



## 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

White LED, RGB camera backup light

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

Precise, ultrasonic technology distance measuring

Medical-grade temperature detection ( $\pm 0.5^{\circ}\text{F} / 0.3^{\circ}\text{C}$ )

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

Custom face algorithm\* calibration. Face mask recognition

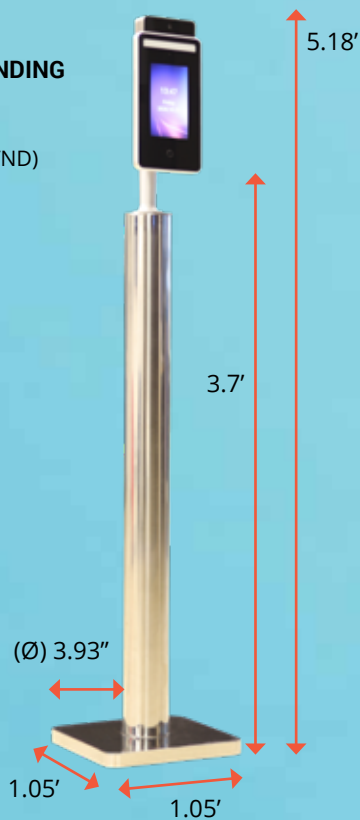
SDK interface

\*optional under GDPR rules



## FREE-STANDING

Stand sold separately (LIB-IR37-STND)



## WALL-MOUNT

(LIB-IR37-WALL)



## DESK TOP

(LIB-IR37)

