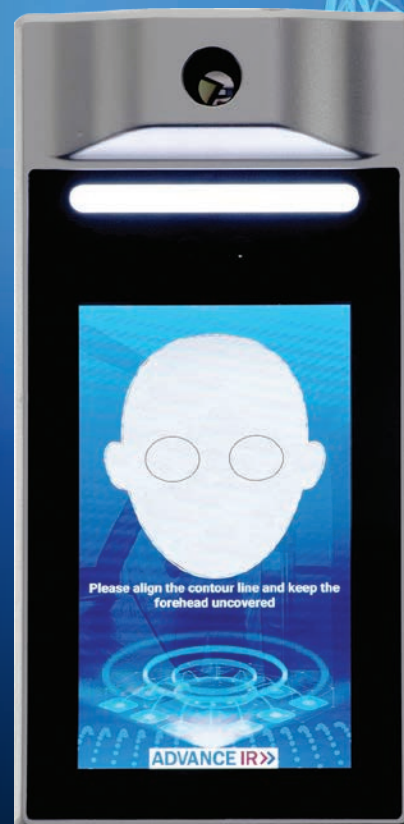# ADVANCE IR»

# Temperature Scanning Entry System

# TSCAN-750

- Full or partial facial recognition with capability to detect a user while wearing a face mask

- Accurate, fast response for non-contact forehead temperature scanning with high temperature alarms

- Connects to secure gate entry systems

- Various modes of operation for use in a wide range of settings, including workplaces, educational facilities, schools, restaurants, retail stores, sports venues, nusring homes, and airports

- HTML user interface for data access on a local network

- Individual record keeping of time (entry/exit) and attendance with body temperature readings

- Quick Screening Mode enables user access via body temperature readings only when individual data records are not required

Please align the contour line and keep the forehead uncovered

ADVANCE IR»

# TSCAN-750

Advance IR TSCAN-750 Temperature Scanning Entry System combines traditional infrared (IR) temperature measurement with facial recognition.

Simple operation requires that the user stands in front of the device, and within one second, their identity and body temperature are automatically logged and recorded. After the user's identity is authenticated and a normal body temperature is recorded, the user is granted entry/access to pass. If the user's body temperature exceeds a normal value, the system will automatically alarm and prohibit passage.

## Infrared Temperature Measurement

- Non-contact body temperature measurement via infrared (IR) sensing technology

- Automatic alarm of body temperatures detected outside of normal range
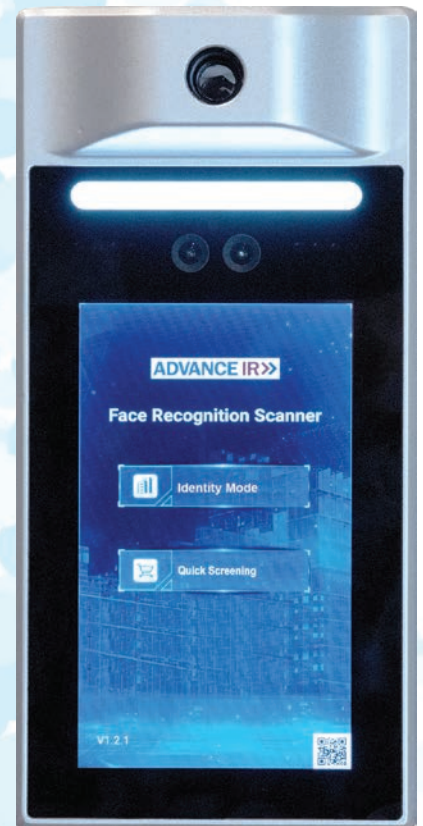
## Facial Recognition

- Automatic facial recognition within 1 second of live detection

- Facial recognition using bi-eye infrared technology with >99% accuracy

- Library stores up to 50,000 identities

- Supports up to 100,000 offline records

- Wide dynamic camera for backlight

- Adaptation for users wearing masks, glasses, wigs, makeup, etc.

## System Functions

- Multi-use capabilities, including temperature measurement, attendance tracking, and access control

- Automatic recording, analysis, and statistics for efficient outbreak prevention and control

- Multiple interface output compatibility

*See local privacy regulations, including medical record storage and biometric screenings.
*For indoor use only.

Workplaces

Educational Facilities

Sports Venues

Restaurants

Retail Stores

Airports

# Modes of Operation

## Identity Mode

- Combined facial recognition and temperature measurement for individual user access control and attendance management
- Equipped with web interface to view historical statistics

## Quick Screening Mode

- Allows entry based on temperature reading without recording individual data (no facial recognition)
- Temperature and entry statistics available via mobile app

## HTML Interface

When used in Identity Mode, TSCAN-750 sends information directly from the device to a database that can be securely accessed via local network or cloud service. This database provides access and customization of the following functions and features:

- Mass upload of individual user details, including photos with or without face masks
- Device registration and assignment of entry and exit gates with door locking/unlocking capability
- Historical statistics, including individual body temperature measurements, individual entry/exit and attendance records, temperature alarms, and abnormal photos
- Customization of mask requirements and audible alarms

# TSCAN-750 Specifications

| Temperature Measurement Module Parameters | |
|---|---|
| Temperature Range | 89.6°F ~ 113°F (32°C~45°C) |
| Accuracy | ±0.5°C |
| Distance | 8 in ~ 20 in (0.2m~0.5m) |
| Response Time | 0.5 seconds |
| Elevated Temperature Alarm Point | 99.1°F (37.3°C) |
| **Smart Features** | |
| Facial Recognition Type | Supports 1:1,1:N,M:N Identification |
| Facial Recognition Library | Up to 50,000 Identities |
| Identification Accuracy | >99.8% |
| Live Detection | Bi-eye near-infrared |
| Facial Detection | 1080P@25fps |
| Facial Recognition Speed | Approx 200ms |
| Live Detection Speed | Approx 400ms |
| **Basic Parameters** | |
| Screen Size | 7 inch (178mm) |
| Resolution | 720*1280 |
| Product Dimensions (length x width x height) | 11 in x 5.4 in x 3 in (275 mm x 137 mm x 72.5 mm) |
| Working Humidity | 10%~90% |
| Operating Temperature | 50°F ~ 104°F (10°C ~ 40°C) |

## Mounting

For wall mounting, the TSCAN-750 is provided with a wall mount kit. For freestanding applications, most standard tripods/stands are compatible with the supplied back plate. Regardless of wall mount or freestanding installation, the TSCAN-750 is for indoor use only.

## Warranty

Standard Limited Warranty for 12-months on mechanical or manufacturer defects. Request Standard Terms and Conditions of Sale for further details.

www.advanceir.com

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