

# Temperature Screening Kiosk with Access Control & Face Recognition

## ACP-150

This access control system can recognize people’s faces, screen their temperature, and based on preset rules allow or deny entry access, by activating automatic doors or turnstiles, among other peripherals. Alerts are displayed on the screen along with audible voice alarms, which can be customized.

It features a Belgian built Melexis sensor, a world leader in thermal components. The Temperature Screening Kiosk has two 2 megapixel lens cameras, which can distinguish between a real person and a picture to avoid photo spoofing. It can be used as a stand-alone device or can be connected to a PC for real-time remote video streaming, monitoring and operation.

- ✓ Face recognition with non-contact temperature screening.
- ✓ Real-time video stream support to a PC.
- ✓ Two 2-megapixel cameras for face detection.
- ✓ Melexis Belgian sensor with  $\pm 0.3$  degree accuracy.
- ✓ Integrates with broad range of peripherals such as power doors, turnstiles, 485, I/O input and output, Wiegand, etc
- ✓ Mask and helmet detection.
- ✓ Easy to install, stand alone or network operation.



**Quick**  
Temperature  
screening speed



**US Based**  
Customer support  
and warranty



**Robust Body**  
Aluminum alloy



**Mask And Helmet  
Detection**



**7-inch**  
IPS screen (1280x 720)



**$\pm 0.3^{\circ}\text{C}$**   
Belgian sensing  
technology



**Email Warnings**  
For elevated  
temperature



**Customizable  
voice alerts**



**Automated  
Access Control**



**Intuitive Software**  
With extended  
integration



**10,000 Faces,  
100,000 Records**  
Face recognition  
with storage capacity

### Mounting Options:

**Adjustable Floor Stand  
with LED light  
STD-150-NFS**



**Desktop Base  
STD-150-DSK**



**Wall Bracket  
STD-150-WLL**



**Adjustable Floor Stand  
STD-150-FLR**





# SPECIFICATIONS

## Screen

Dimensions	7-inch, full-angle IPS LCD screen
Resolution	1280x720

## Camera

Type	Dual Camera Design
Sensor	1/2.8*SONY starlight CMOS
Resolution	1080 @ 30fps
Lens	3.6mm*2

## Body Temperature Measurement

Measuring Site	Forehead
Temperature Range	34-42°C (93.2-107.6°F), recommended range for forehead screening is within 35.7°C to 41.5°C (96.26°F to 106.7°F)
Temperature Measuring Distance	30-45cm (11.8-17.7in)
Temperature Measurement Accuracy	±0.3°C Tested within 30-45cm at trigger temperature of 37.3°C and ± 0.5°C tested between 36 and 41°C ±0.5°F Tested within 11.8"-17.7" at trigger temperature of 99.14°F and ± 0.9°F tested between 97 and 106°F
Temperature Measurement Response	≤ 1 s

## Face Recognition

Detection Type	Face detection of living people to prevent photo and video spoofing.
Face Recognition Distance	0.3-1.3m (11.8"-4.3 ft), support detection target size filter adjustment.
Recognition Face Size	Pupils distance ≥60 pixels; Face pixel ≥150 pixels.
Face Database Capacity	Built-in database of ≤10,000 faces, supports black/white lists, visitors and custom allocation groups.
Posture	Supports side face filter, comparable within 20 degrees in vertical and 30 degrees in horizontal.
Occlusion	Ordinary glasses and contact lenses have no effect on recognition.
Expression	Under normal circumstances, slight expressions do not affect recognition.
Response Speed	≤ 1 s
Face Exposure	Supported
Local Storage	Supports storage of 100,000 records, Face capture accuracy ≥99%
Recognition Area	Full image recognition, supports zone optional setting
Upload Method	TCP, FTP, HTTP, API function calling upload

## Network functions

Network Protocol	IPv4, TCP&IP, NTP, FTP, HTTP
Interface Protocol	ONVIF, RTSP
Security Mode	Authorized username and password
Event Linkage	TF card storage, FTP upload, alarm output linkage, Wiegand output linkage, voice broadcast
System Upgrade	Supports remote upgrade

## Accessories

Supplementary Light	IR light, LED white light
Identification Module	Support for built-in IC card reader module (optional not included) Support for built-in ID card reader module (optional not included)
Speaker	Supports voice broadcast after succesful recognition, temperature alarm, customizable voice alarm.

## Interface

Network Interface	RJ45 10M/100M Network Adaptation
Alarm Input	2CH
Alarm Output	2CH
RS485 Interface	Yes
TF card slot	Supports up to 128 GB of local storage (optional).
USB	Yes
Wiegand Interface	Supports Wiegand 26, 34 or 66 protocols.
Reset Key	Yes
Sim Card	Optional

## General

Storage Temperature	-20°C to +60°C (-4°F to 140°F)
Operating Temperature	0 to 30°C (32 to 86°F) not including temperature screening, which operates from 17 to 30°C (63 to 86°F)
Working Humidity	0%-90%
Power Supply	DC12V
Power Dissipation (maximum)	≤ 12 W
Dimensions (mm)	406mm(H)*120mm(W)
Installation Method	Tubular bracket included / Optional: Wall Bracket, Floor Stand, Desktop Base.
Warranty	One year.
Operating System	Linux.