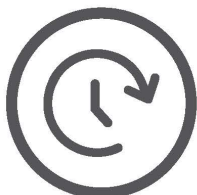# Temperature Screening Kiosk with Access Control & Face Recognition - With High resolution sensor

ACP-150-H

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. This model features a high resolution sensor with 768 pixel of definition, instead of the 192 in the regular model.

It features a Belgian built Melexis high resolution 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 ±.3 degress accuracy.
- ✔ Integrates with broad range of peripherals such as power doors, turn-stiles, 485, I/O input and output, Wiegand, etc
- ✔ Mask and helmet detection.
- ✔ Easy to install, stand alone or network operation.

Quick
Temperature screening speed
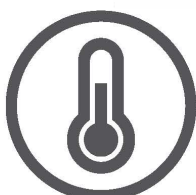
US Based
Customer support and warranty

Robust Body
Aluminum alloy

Mask And Helmet Detection

7-inch
IPS screen (1280x 720)

±0.3°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 |06.7°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 storeage 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.