

FACE RECOGNITION THERMAL IMAGING 4 IN 1

- ACCESS CONTROL VIA FACIAL RECOGNITION
- TIME STAMP ATTENDANCE
- HUMAN BODY TEMPERATURE METER
- MASK DETECTION



INSIZE PART NO. ATF-1612-U

Versatile

- Turn features on and off as desired and customize to your needs
- Both audible and visual alerts can be turned on or off

Safety/Cost Savings/Fast/Accurate

- Eliminate the need for hand held close human monitoring
- More consistent than hand held system
- Moves people through quickly

Contactless Forehead Temperature Measurement

- High Accuracy infrared thermography measures Body Temperature in .1 seconds
- Accurate to +/- 0.5°F with no need for additional Black Body System
- State of the art technology self calibrates automatically every 30 seconds

Mask Detection

- Detects if person is wearing a mask or not

Facial Recognition

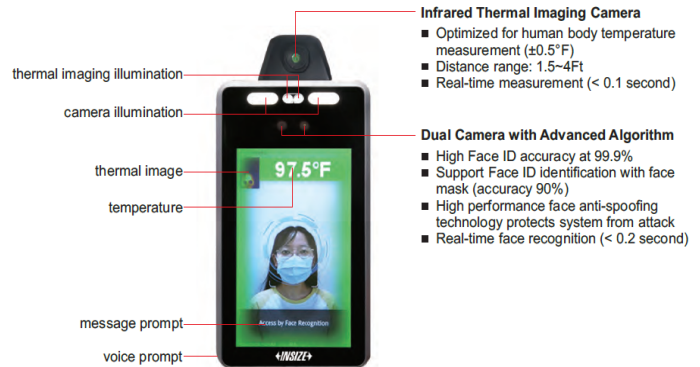
- Done in .2 seconds without the need to position a body into a screen frame
- Accuracy 99.9% and can be integrated with door or gate access
- Save up to 30K readings or turn that feature off if so desired

Time Stamp

- Records the time the person passes through the scanner

Features

This system introduces a highly advanced built-in facial recognition algorithm and high resolution infrared thermal imaging camera allowing accurate temperature measuring. This brand new technology will identify someone by face, even while wearing a face mask. It can also locate the forehead and accurately measure forehead temperature without touch. The ATF-1612-U is the ideal solution for fully automatic contactless access control, facial recognition, and temperature measurement.



- Infrared Thermal Imaging Camera
 - Optimized for human body temperature measurement ($\pm 0.5^\circ\text{F}$)
 - Distance range: 1.5-4Ft
 - Real-time measurement (< 0.1 second)

- Dual Camera with Advanced Algorithm
 - High Face ID accuracy at 99.9%
 - Support Face ID identification with face mask (accuracy 90%)
 - High performance face anti-spoofing technology protects system from attack
 - Real-time face recognition (< 0.2 second)

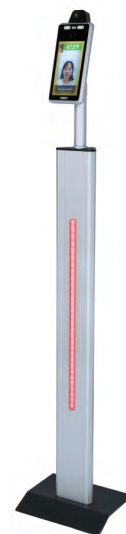
Specifications

Operation System	Linux
Display	7 inch Screen TFT (Thin Film Transistor)
Speaker	Voice Prompt
Language	Multi Language: English, Spanish, etc.
Face Capacity	30K
Verification & Identification Speed	Less than 0.1 seconds for Thermal and less than 0.2 seconds for Facial
Face Anti Spoofing	Printed photo, Electronic display of a facial photo, Replaying video, 3D face masks, etc.
Facial Recognition Accuracy Rate	Greater than 99.9%
Forehead Thermometer Range & Accuracy	95°F ~ 113°F, $\pm 0.5^\circ\text{F}$
Work Range	1.5 feet to 5 feet
Transaction Storage	100K
Infrared Thermography Camera	Uncooled Infrared Focal Plane Junction Detectors Array Sensor Resolution: 160*120
Facial Recognition Camera	Dual 1080p Starlight CMOS sensors for visible light and near infrared light
Communication	RS232/485, TCP/IP, USB-Host, USB-Client, RJ45 Connection
Interface for Access Control	3rd Party Electric Lock, Exit Button, Alarm
Power Supply	12V DC 2A
Device Operating Temperature	Face ID: 14°F ~ 122°F, Temperature Measurement: 50°F ~ 95°F
Operating Humidity	0%~90%
Dimension	4.803" x 8.897" x 1.319"

Links for Instructional Videos

Demo Video: <https://www.youtube.com/watch?v=YqFbQvK-brg&t=4s>

Installation Video: <https://www.youtube.com/watch?v=YMKAKIxCcNg>



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Kiosk Model INSIZE PART NO. ATF-1612H