FACE RECOGNITION THERMAL IMAGING 4 IN 1

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

Features

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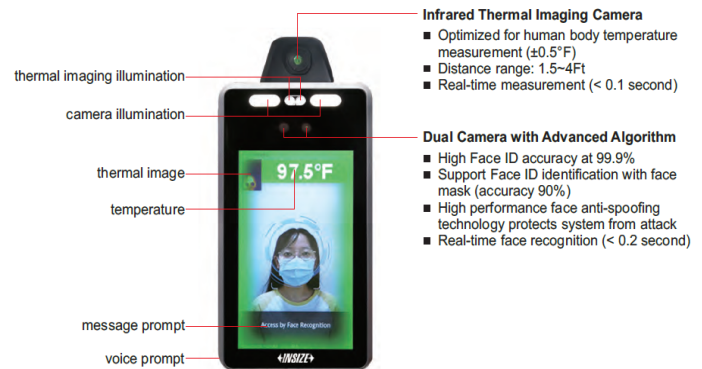
Facial Recognition
- Done in .2 seconds without the need to position a body into a screen frame
- Accuracy 99.9% and can be integrated with door or gate access
- Save up to 30K readings or turn that feature off if so desired

Time Stamp
- Records the time the person passes through the scanner

INSIZE PART NO. ATF-1612-U

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 (±0.5°F)
- ■ Distance range: 1.5~4Ft
- ■ Real-time measurement (< 0.1 second)

thermal imaging illumination
camera illumination
thermal image
temperature
message prompt
voice prompt

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
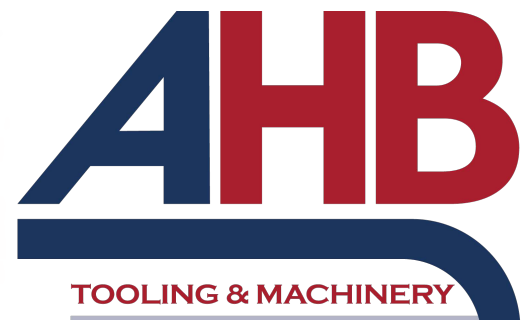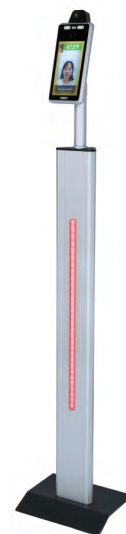- ■ Real-time face recognition (< 0.2 second)

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, ±0.5°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

Kiosk Model INSIZE PART NO. ATF-1612H

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