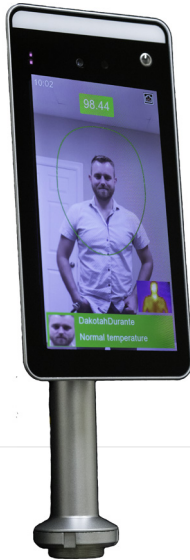


Elevated Temperature Detection Kiosk

This high precision face recognition elevated temperature detection solution will allow you to quickly identify individuals entering your facility with an elevated temperature or not wearing a mask.



FEATURES

Thermal & Infrared Imaging

Dual lenses simultaneously capture high definition images of the subject being scanned and thermal images of the subject with temperature readings displayed in the frame. This will provide reference data and identifying images of subjects selected for secondary screening.

Abnormal Temperature Alerts

The camera detects abnormal temperatures and will set off an alert that the subject being scanned has either an elevated temperature or a temperature that is abnormally low.

Facial Recognition

The system has full access control capabilities with facial recognition for all those loaded into the database and provides complete audit trails of those entering the facility.

Mask Detection

This solution has the capability to determine if a subject is wearing a mask or not wearing a mask. It can allow or disallow access to the facility based on your current policies and access control system.

KEY FEATURES

- ▶ Facial Recognition
- ▶ Temperature Captures with Face Detection
- ▶ Mask Detection
- ▶ Elevated Temperature Audible Alarms
- ▶ Customizable Temperature Alarm Settings
- ▶ Documented Images & Temperature Readings
- ▶ Access Control Capabilities

SPECIFICATIONS

Screen

Dimensions	7-inch IPS HD LCD Screen
Resolution	600 x 1024

Thermal Imaging Camera

Type	2MP Camera
Sensor	1/5" GC2145
Resolution	NIR 800 x 600, 15 fps
Lens	2.4mm

Visible Light Camera

Type	HD Camera
Sensor	1/2.8" SONY Starvis Back-Illuminated CMOS Sensor IMX307
Resolution	Color 1920 x 1080, 30 fps
Lens	4.5mm

Temperature Detection

Measuring Site	Full Screen Recognition
Temperature Range	80°F ~ 106°F
Temperature Measuring Distance	1.5 - 5.0 ft, 2.5 ft. optimum
Temperature Measurement Accuracy	±0.54°F

Face Recognition

Detection Type	Mask Detection, Temperature Detection
Face Recognition Distance	1.65 ft. - 7.50 ft.
Face Database Capacity	Max Support 30,000 Faces
Face Posture	Vertical 58°-60°, Horizontal 35°
Occlusion	Ordinary Glasses do not affect readings
Response Speed	Approx. 200ms
Face Exposure	Supported
Local Storage	Supported Storage of 25,000 records
Recognition Area	Full Screen Recognition
Upload Method	TCP, HTTP, MQTT

HSS-ETD-BS2000

System

Main Processor	M3520
Operating System	Embedded Linux
RAM	DDR3 512MB
ROM	EMMC 8GB

Network Functions

Network Protocol	IPv4, TCP/IP, HTTP
Interface Protocol	Private Protocol
Security Mode	Authorized Password
System Upgrade	Support Remote Upgrade

Interface

Network Interface	RJ45 10M/100M Network Adaptation
Relay Output	Supported
RS485 Interface	Supported
Reset key	Supported

Accessories

Supplementary Light	IR Light, LED White Light
Audio Out	Built-in Speaker Support Voice Broadcast

General

Housing	Aluminum Alloy, Ultra-White Tempered Glass Panel, IP66
Operating Temperature	50°F ~ 122°F
Working humidity	10% -90% Non-Condensing
Storage Temperature	-40°F ~ 158°F
Storage humidity	5% -95% Non-Condensing
Power Supply	12VDC
Power (maximum)	≤ 12 W
Dimensions	8.62 in. x 4.37 in. 0.85 in.
Bracket Size	1.30in. x 744 in.
Installation Method	Desktop Installation/Floor Installation/ Column Installation/Wall Installation