

**FOTRIC 226<sub>B</sub>**

# Group Temperature Scanning

High Definition Version



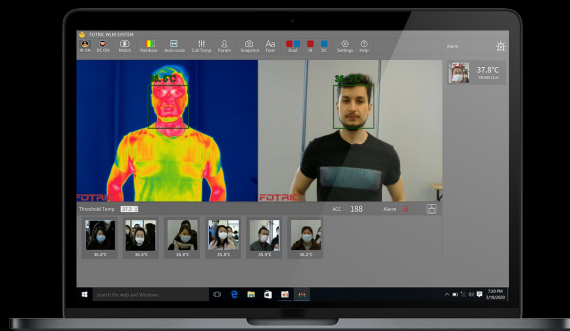
**AGILE | ACCURATE | RELIABLE**

Advanced A.I. Facial Detection Monitoring system

Up to 10 feet away  
to keep distance detection

Thermal Sensor for  
384\*288 HD Resolution

# AGILE



## Individual Scanning

- Built-in AI facial detection model can screen every individual simultaneously.
- Automatically detects and locks frame and dynamic temperature tag onto face.



Multi-target

## Group Scanning

- Face-Tracking allows accurate detection on-the-go.
- Smooth screening with normal flow of people at high-traffic facilities.



Rush Hour

30

Frames per second

20+

People



## Plug and Play

- Professional thermography that needs no training.
- Friendly installation and operation.

15min

Set-up



Plug



Adjust



Complete

# Accurate



AI Calibration Mode ON      Mode OFF

## Self-Calibration

- Automatically collects body temperatures in different scenarios for self-learning.
- Adjusts the compensation temperature in real time by to refine ambient-biased readings.
- Self-calibration ensures **24/7** stable accuracy without Blackbody.



Self-Learning

24/7

Accuracy

## Less False Alarms

- Intelligently blocks non-facial high temperature sources that would mistakenly trigger the alarm.



Hot mug



## Millimetrical Precision

- AI dynamic Face detection will report the hottest spot on the facial surface, wherever it is.
- Its High-resolution thermal sensor scans simultaneously thousands of spots on the face with millimetrical precision (sensitivity NETD).



High resolution

$\pm 0.5^{\circ}\text{C}$

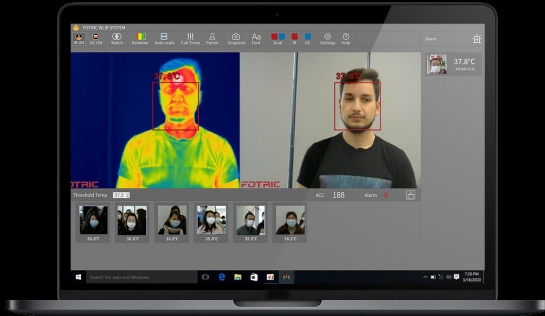
Stability

$\pm 0.3^{\circ}\text{C}$

with Blackbody



# Reliable



## Multiple Alarms

- Green face frames turn Red when high body temperature is detected.
- Voice or Ring alarm.
- Automatic snapshot of people with abnormal temperature.



Normal



High Temp



Alarm



Snapshot



## Smart Archive

- Separate snapshots archive for normal and abnormal readings.
- Multiple shooting modes for enhanced disk space management.
- File naming with detailed measurement information for easy tracking.
- Easy to search and export data log for management



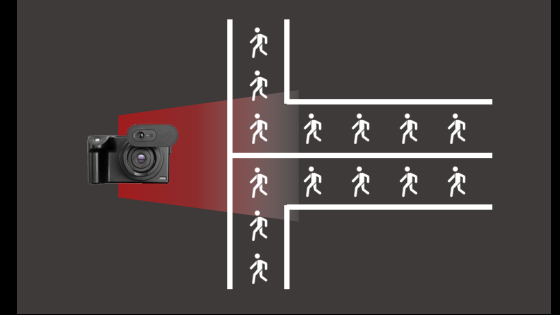
Date



Time



Temp



## Social Distancing

- Contactless long-distance screening.
- Broad effective measuring area keeps both users and screening staff safe.



2.5—10.5 ft



4—6 ft

# Customization



## Customization

- Customized voice alarm and message prompt
- Support multi-languages in system setting



## Privacy Protection

- Easy switch between thermal view or digital view



## Modbus Connection

- Enable signal output for flexible control operation

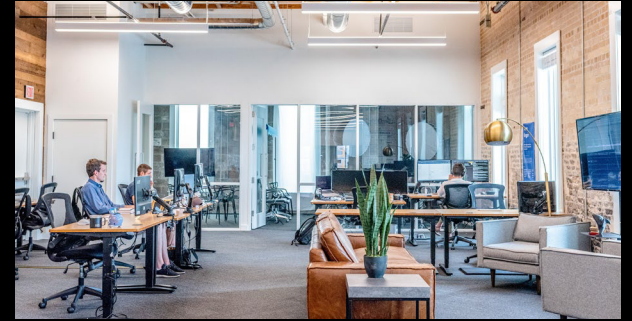
# Applications



**Hospital**



**School**



**Office**



**Public Transportation**



**Business Center**



**Tourism**

# Specifications

Model	Fotric 226B
IR Resolution	HD version: 384*288 pixels
Thermal Sensitivity(NETD)	<0.05°C@30°C
Field of View(FOV)	28°Hx21°V
Detector Type	Polysilicon-FPA,uncooled microbolometer,17μm,Spectral Range 8-14μm
Frame Rate	30Hz
Temperature Range	20°C-60°C(68°F-140°F)
Temperature Stability	±0.5°C(±0.3°C with blackbody)
AI Face Detection	Dual Light Detection(visible light and infrared thermal)
AI Body Temperature Algorithm	Real time compensation temperature calibration
Statistic Function	Automatic statistics of test number
Shooting Mode	Automatic abnormal temperature snap shot
Alarm Function	Customized voice alarm and sound alarm
Color Pallet	Black-White/Iron/Rainbow
Image Format	Standard JPEG with temperature data
Interface Connection	USB
Software	WLIR Face AI Infrared Thermal Software
Operating Temperature	0°C-40°C(32°F-104°F)
Storage Temperature	-20°C-50°C(-4°F-122°F)
Enclosure Rating	IP40
Charging System	DC 12V Charger
Weight	560g
Dimensions(LxHxW)	97mmx145mmx93.5mm
Tripod Mounting	UNC 1/4"-20
Warranty	1 year
Battery Life	10 hours

## Standard



## Optional

Blackbody



## Certification





Equipment described herein may require EU, US and UNSC authorization for export purposes.

Imagery for illustration purposes only.

Specifications are subject to change without notice.

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