FOTRIC 223B

Group Temperature Screening

For high traffic

AGILE | ACCURATE | RELIABLE

Advanced A.I. Facial Detection Monitoring system

720p

223B

Group Screening

- Built-in AI facial detection module can screen entire groups of people simultaneously.

- Automatically detects and locks frame and dynamic temperature tag onto face. Even with elements such as masks and glasses.

Multi-target	20+ People	Mask & Glasses

Non-stop Walking

- 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

Plug and Play

- Professional thermography that needs no training.

- Friendly installation and operation.

15min Set-up	Plug > Adjust > Complete

Accurate

AI Calibration Mode OFF   Mode ON
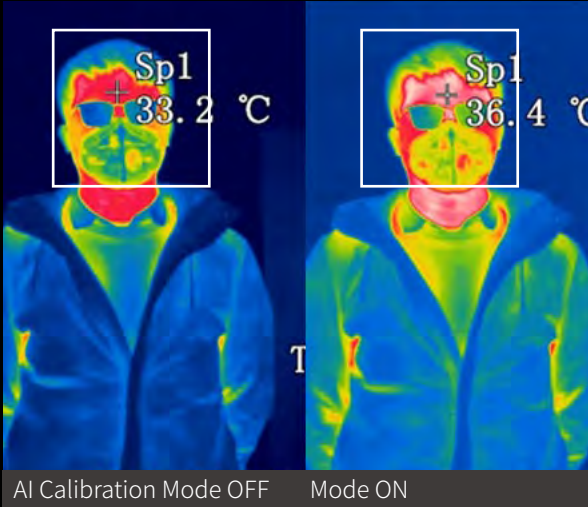
Self-Calibration

- 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

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 mill metrical precision (sensitivity NETD).
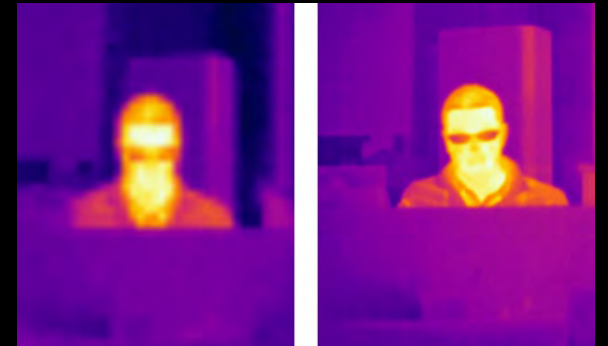
High resolution   **±0.5℃** Accuracy

HOT COFFEE

False Alarm-proof

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

Hot mug

Multiple Alarm

- 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.
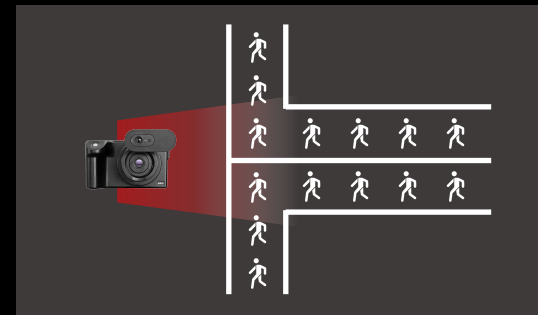- File naming with detailed measurement information for easy tracking.

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

Scenes

Hospital

School

Office

Public Transportation

Business Center

Tourism

Specification

Model	Fotric 223B
IR Resolution	160x120 pixels
Thermal Sensitivity(NETD)	＜0.05°C@30°C
Field of View(FOV)	28°Hx21°V
Detector Type	Polysillicon-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(±0.2°C with blackbody)
Al Face Detection	Dual Light Detection(visible light and infrared thermal)
Al Body Temperature Algorithm	Real time compensation temperature calibration
Statistic Function	Automatic statistics of test number
Shooting Mode	Automatic abnormal temperature snap shot or manual shooting
Alarm Function	Dual color alarm and sound alarm
Color Pallet	Black-White/lron/Rainbow
Image Format	Standard JPEG with temperature data
Interface Connection	USB
Software	WLIR Face Al 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 ¼"-20
Warranty	1 year
Battery Life	10 hours

Certification

CE FC CNAS ISO ISO9001

FOTRIC

—— **Thermal Intelligence** ——

Innovation
Excellence
Integrity