FOTRIC
Thermal Intelligence

A.I. Temperature Detection
EFFICIENT | PRECISE | STABLE

Fotric 226B
Auto Body Temperature Infrared Imager

FOTRIC 226B

Includes Built-In A.I. Intelligence for facial recognition

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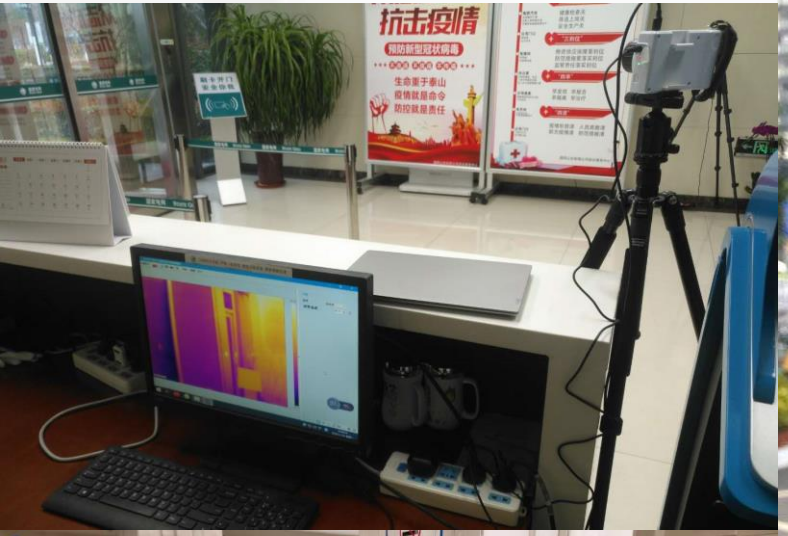
EFFICIENT

Millisecond-Level Senseless Screening

10 MINS TO DEPLOY

15 minutes software installation and commissioning. Power up and ready to use.

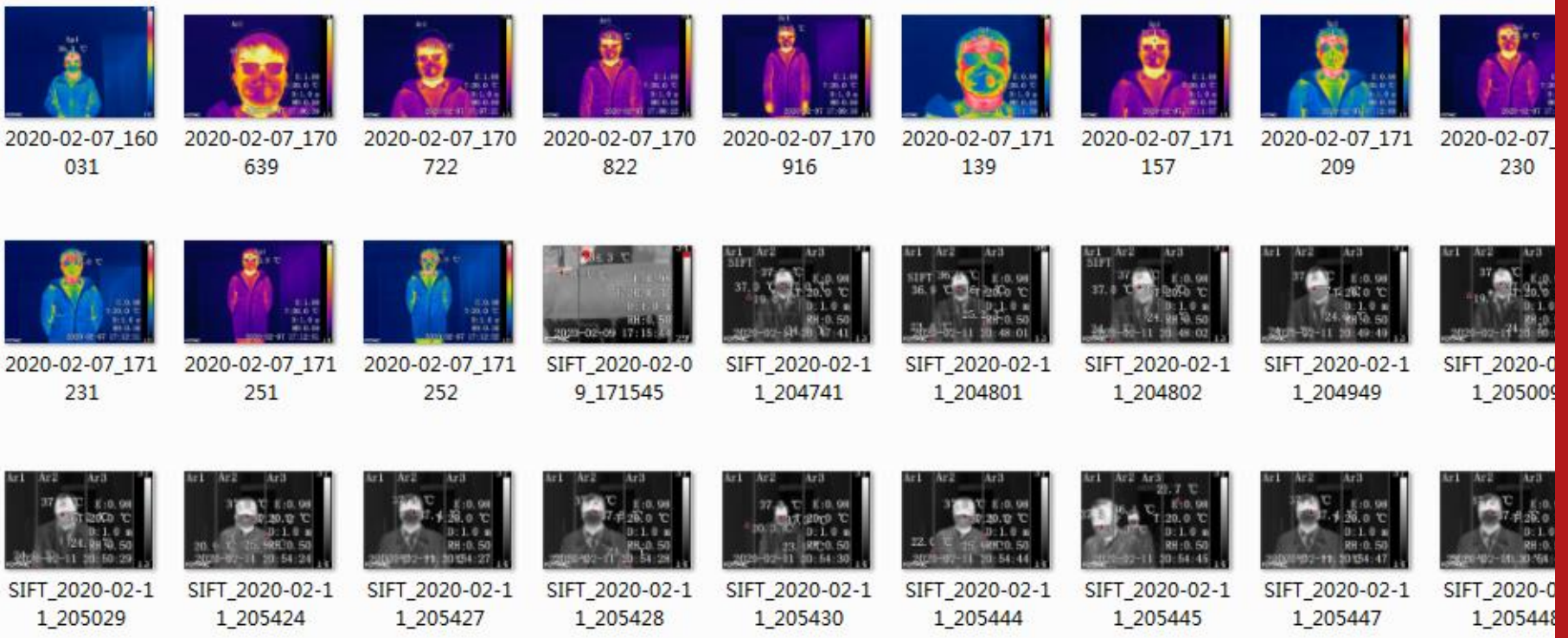
Built-in features for automatic statistics of screened individuals and automatic alarms helps achieve minimal disruption to the screening process.



MILLISECOND RESPONSE WITH NON-CONTACT MEASUREMENT

Infrared thermal imaging technology provides non-contact measurement to ensure the safety of the detection personnel themselves.

Millisecond response does not affect population's traffic efficiency and behavior habits

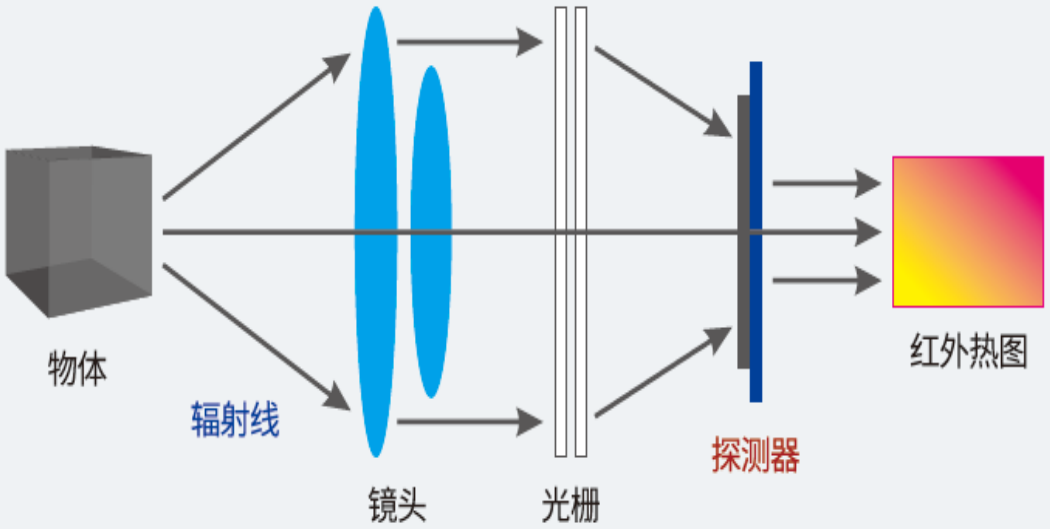


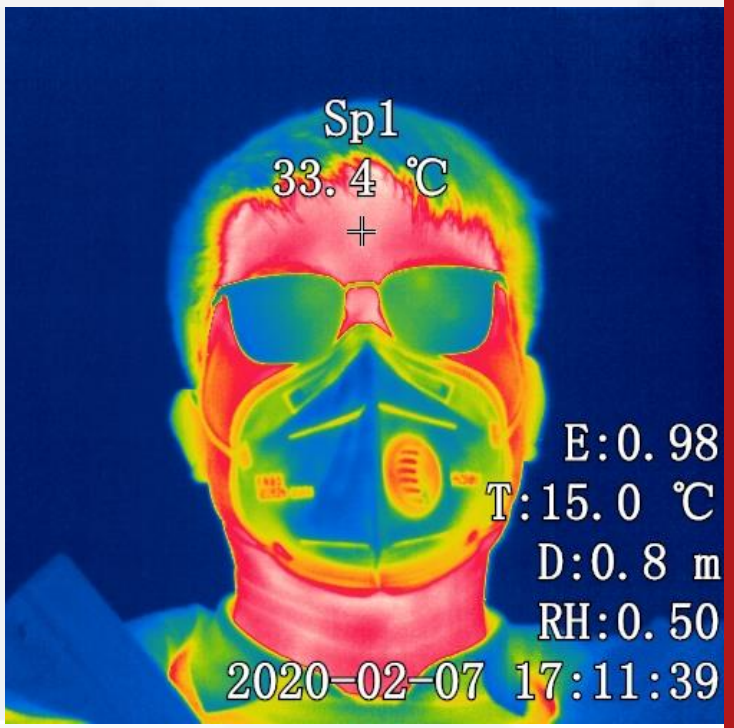
INSTANT VOICE ALARM FOR ABNORMAL BODY TEMPERATURE

Individuals with raised temperature triggers voice or sound alarm immediately, along with a red box shown on the target face. A digital photo is captured instantly allowing for easy identification

PRECISE

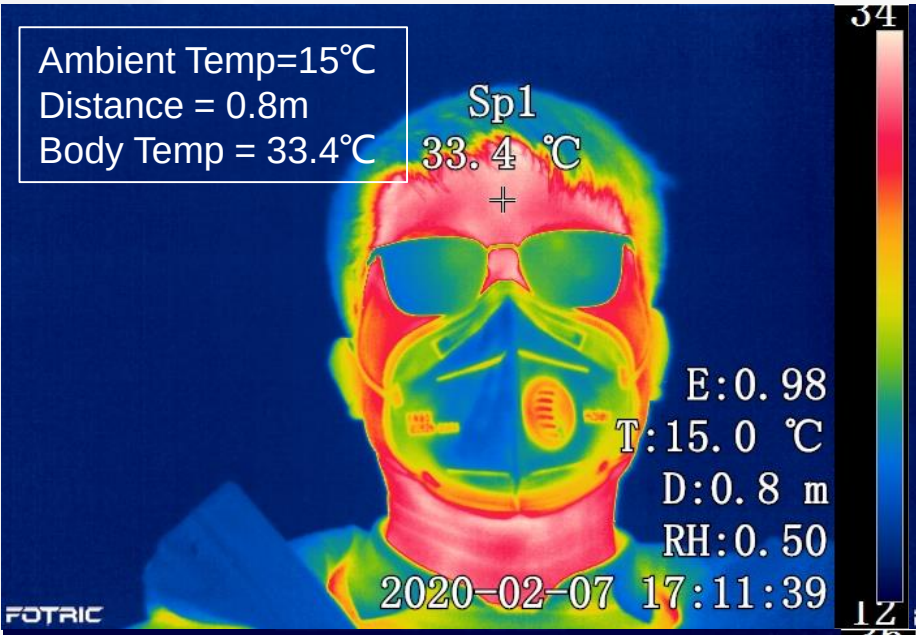
5 TIMES MORE OF EFFECTIVE TEMPERATURE PIXELS FOR MORE ACCURATE DETECTION

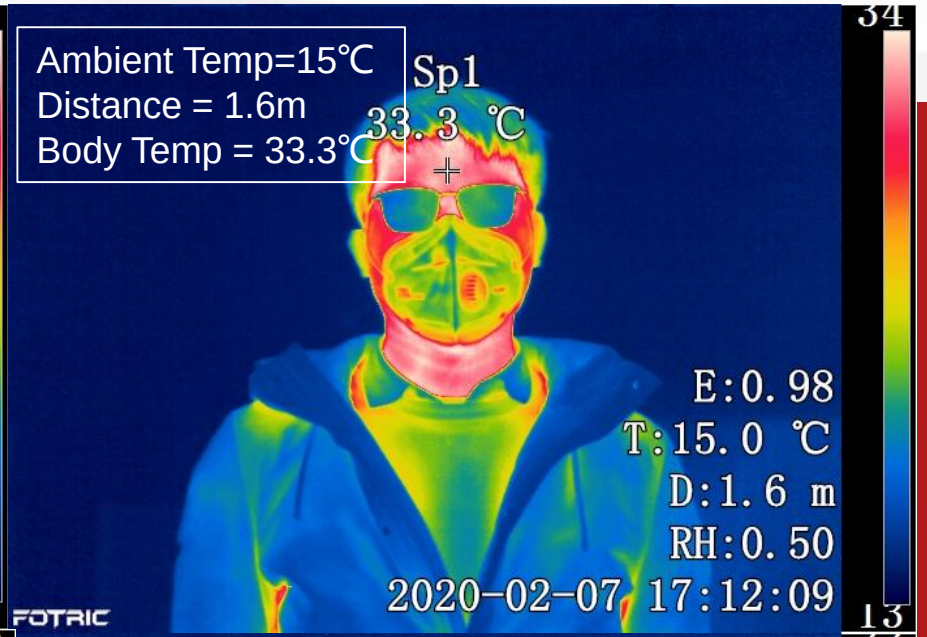


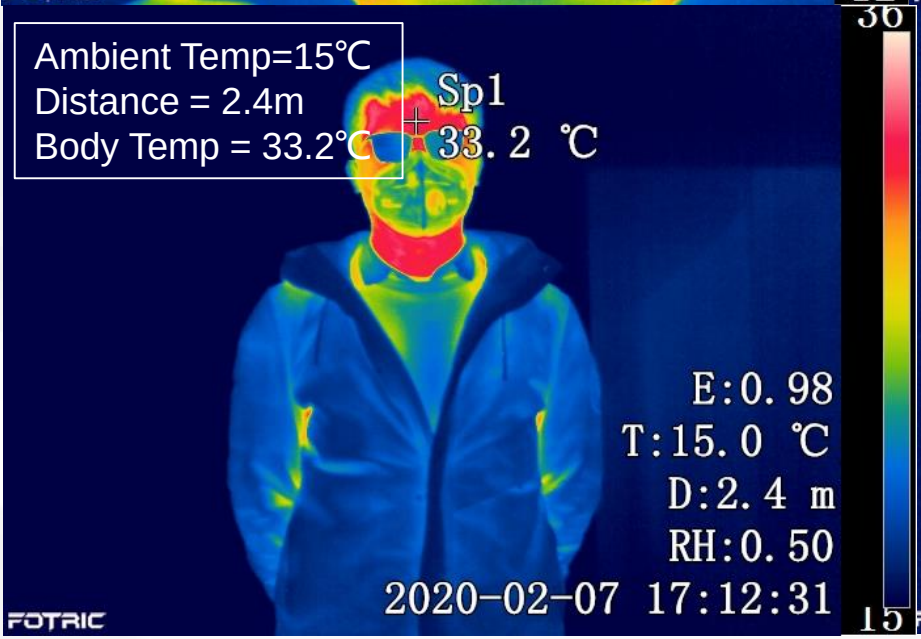


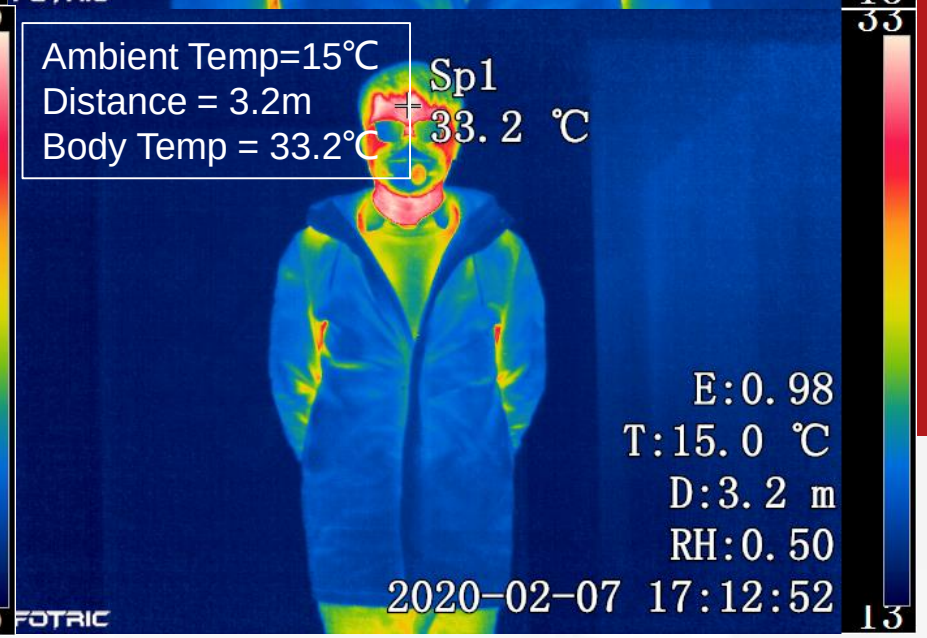
HIGH QUALITY IMAGE WITH ACCURATE TEMPERATURE MEASUREMENT

With Polysilicon-FPA, a single photo is up to 110k effective temperature measuring points, even human hair is cleared







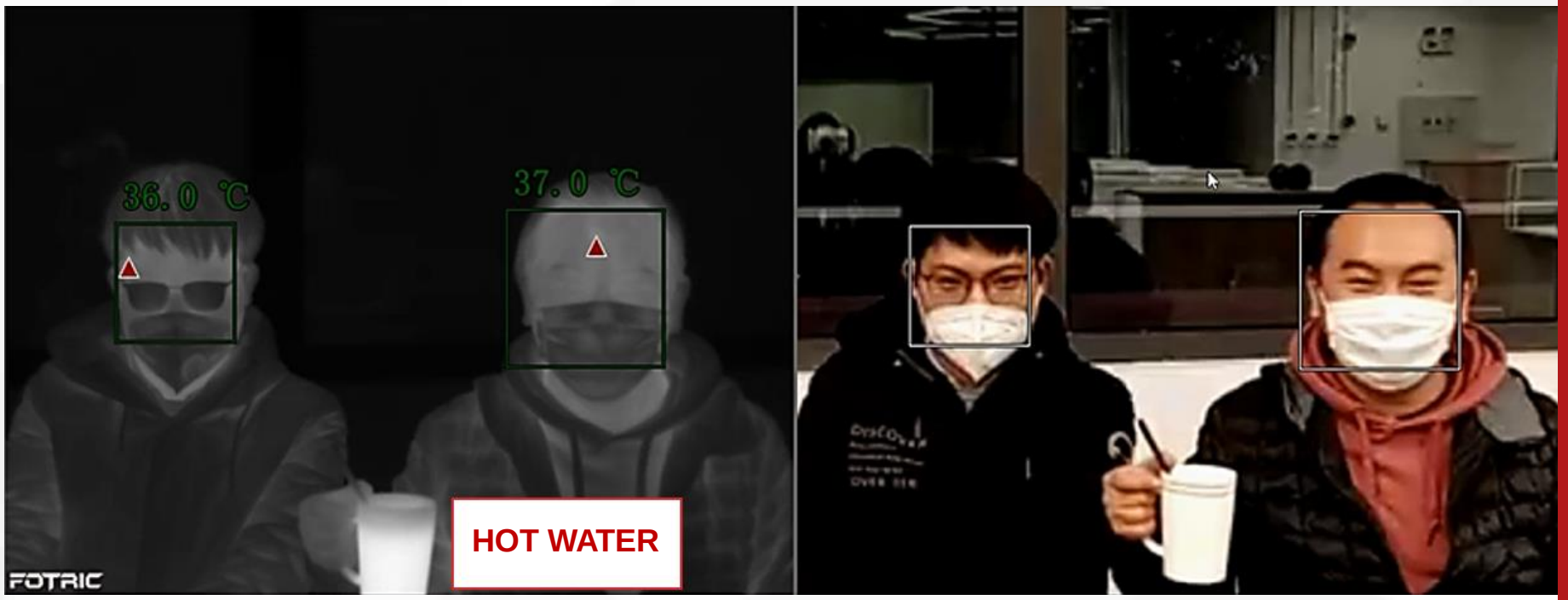


BODY TEMPERATURE MEASUREMENT STABILITY OF ±0.5℃

Supports 7/24 operation continuously, and a measurement accuracy calibrated at ±0.2℃

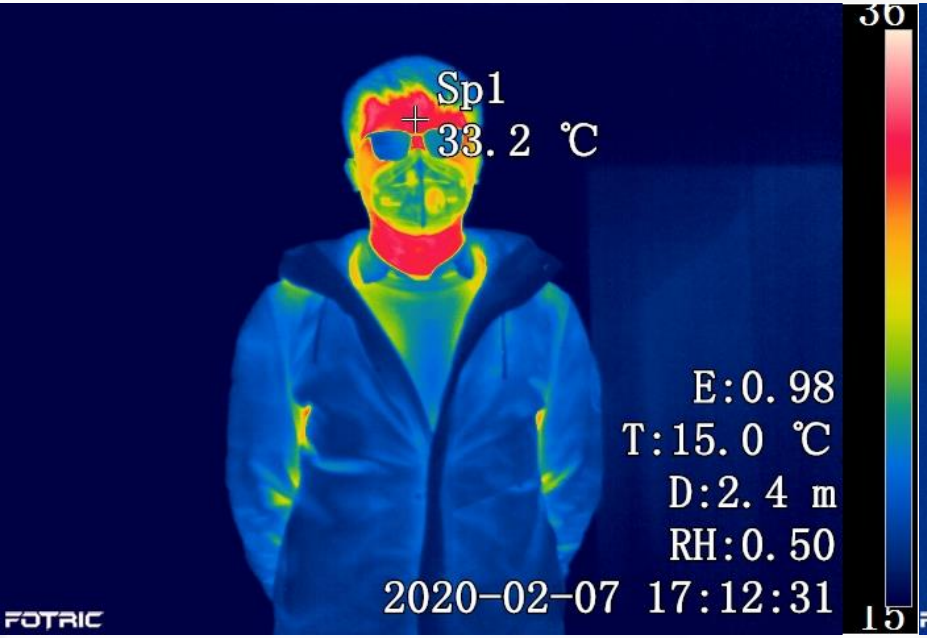
STABLE

AUTOMATIC ADAPTATION TO CHANGES IN AMBIENT TEMPERATURE TO PREVENT FALSE ALARMS

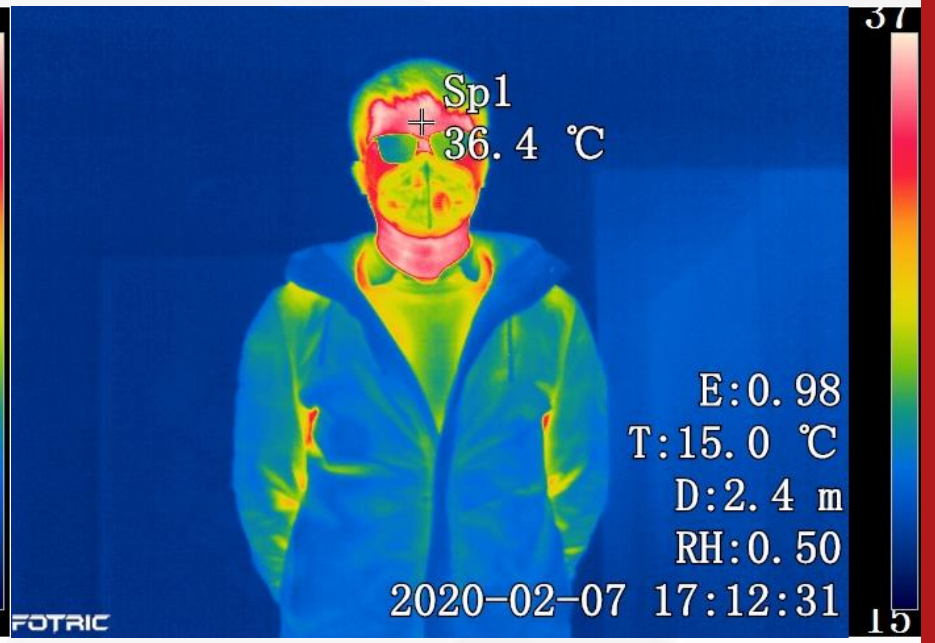


AUTOMATIC LOCK FACE FOR DETECTION TO PREVENT FALSE ALARM

Built-in A.I. dual-light face detection algorithm, only detect face temperature with 100% passing rate



A.I. Calibration Mode **OFF**



A.I. Calibration Mode **ON**

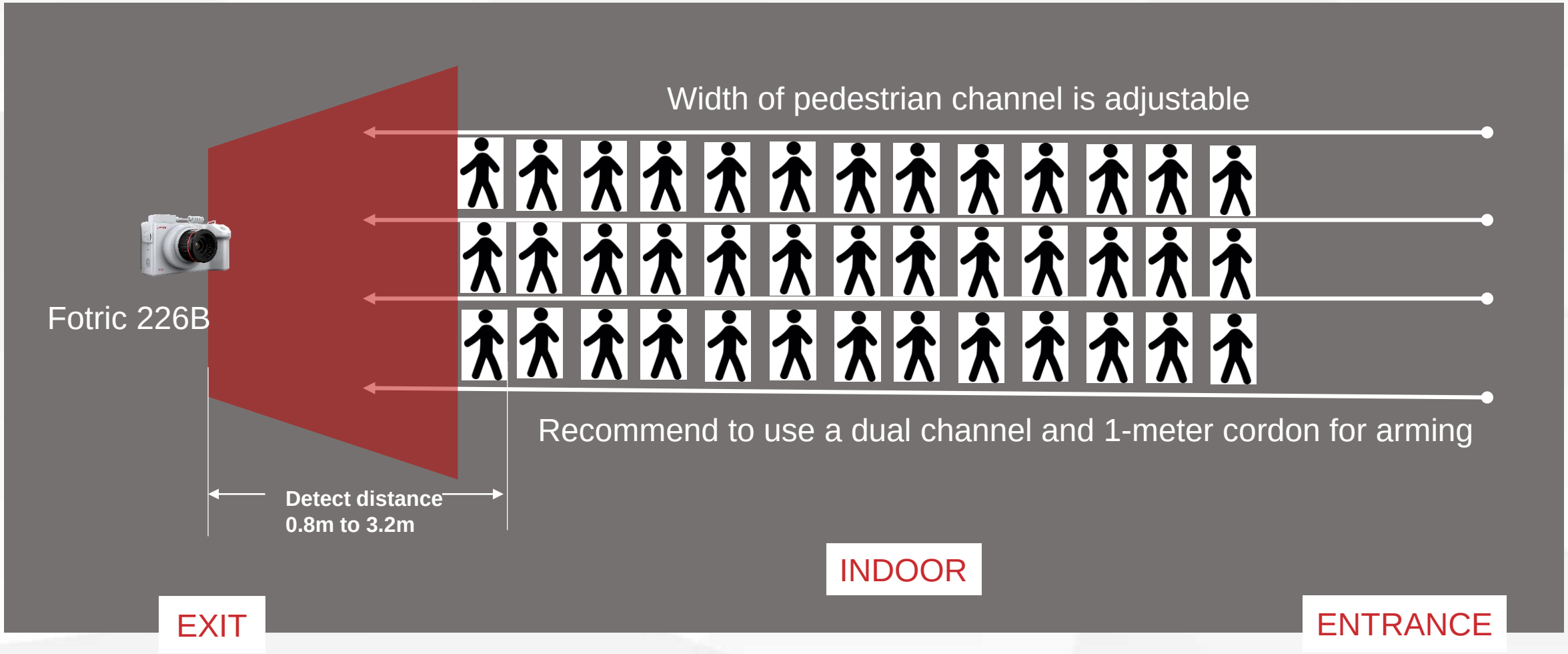
INTELLIGENT A.I . TEMPERATURE CALIBRATION ALGORITHM TO PREVENT INACCURACIES

Built-in A.I. temperature calibration algorithm can automatic collect face temperature in different scenarios for self-learning to adapt ambient temperature changes real-time adjustment, i.e. body temperature varies during day and night

FOTRIC 226B

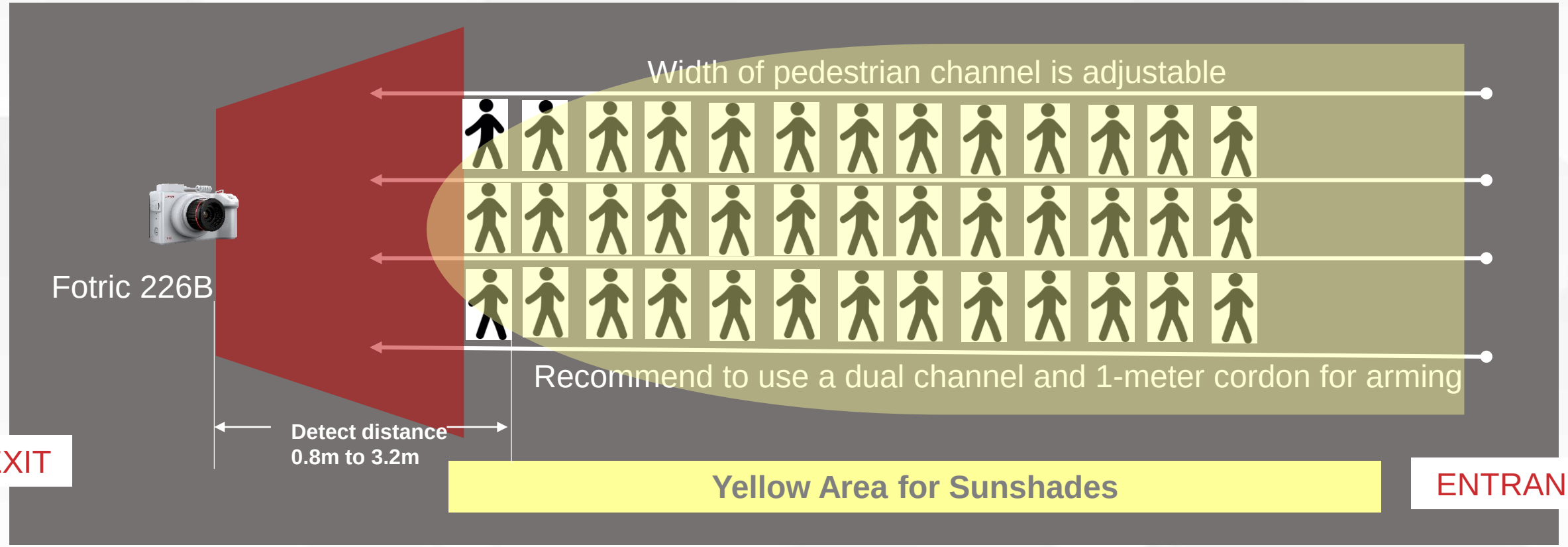
COST-EFFECTIVE, SAFE AND EASY TO MAINTAIN

Suggest Indoor Maintenance



FOTRIC 226B has its best performance under indoor maintenance, detect distance between 0.8m to 3.2m.

Outdoor Maintenance



Warning:
When detecting outdoors, sunshades as illusteated above are required to prevent ambient temperature interference causing inaccurate reporting.
When rainy and windy the body temperature is lower than average
When under sunlight, hair will absorb heat & increase temperatures, avoid hair for false alarm

Fotric 226B Main Specs

Model	FOTRIC 226B
IR Resolution	384 × 288 pixels
Thermal Sensitivity (NETD)	<0.05°C@30°C
Field of View (FOV)	28°H × 21°V
Detector Type	Polysillicon-FPA, uncooled microbolometer, 17μm, Spectral Range 8-14μm
Frame Rate	50Hz
Temperature Range	20°C-60°C (68°F-140°F)
Temperature Stability	±0.5°C
Alarm Function	Both color alarm and sound alarm
Image Format	Standard JPEG with temperature data
Software	FREE, WLIR Body Temperature Screening Software
Operating Temperature	0°C-40°C (32°F-104°F)
Storage Temperature	-20°C-50°C (-4°F-122°F)
Enclosure Rating	IP40

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AI INFRARED THERMAL DETECTION

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FOTRIC INC.

www.fotric.com