FOTRIC

Thermal Intelligence

FOTRIC 226B

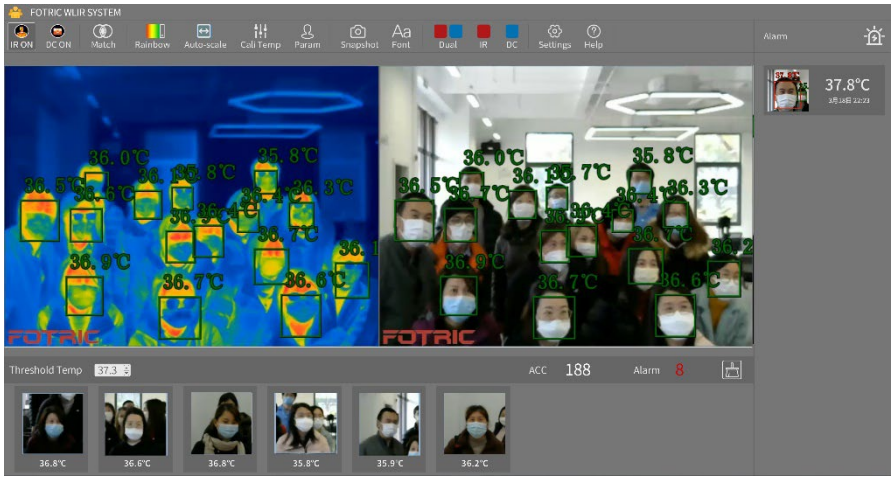
Auto Face AI Infrared Thermal Imager

Automatically Locks Face Temperature to Prevent False Alarms

The FOTRIC 226B operates AI face detection module, automatically locking each individual face for temperature measurement, intelligently shielding high-temperature sources from other faces in the scene.

Intelligent Temperature Calibration Algorithm Prevents False Negatives

The FOTRIC 226B has a built-in body temperature calibration algorithm, which automatically collects face temperatures in different scenarios for self-learning, and adjusts the body temperature alarm threshold in real time by adapting to ambient temperature changes, preventing false alarms from people who report abnormal body temperature due to morning or nighttime temperature differences.



Automatically Creates Test Statistics

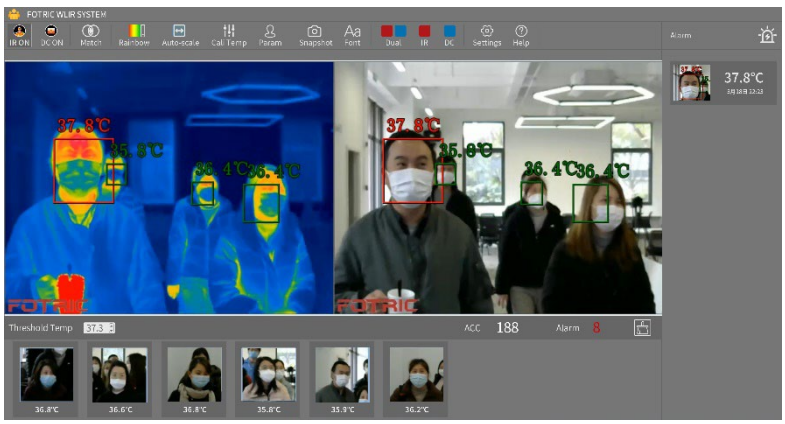
During the test process, Fotric 226B can automatically count the number of personnel and the number of suspected abnormal body temperature alarms for epidemic prevention and control.

Automatic Temperature Alarm

When an abnormal temperature of a person is detected, Fotric 226B will automatically emit an alert, and the facial recognition frame will be immediately displayed in red accordingly for a rapid on-site identification.

Automatic Snap Shot for Abnormal Body Temperature

When the alarm is triggered by an abnormal body temperature, Fotric 226B will automatically capture the photo of the detected person for further statistics and analysis.

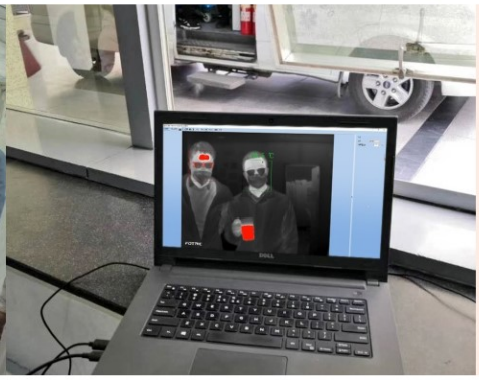


Specifications

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	30Hz
Temperature Range	20°C-60°C (68°F-140°F)
Temperature Stability	±0.5°C
AI Face Detection	Dual Light Detection (visible light and infrared thermal)
AI Body Temperature Algorithm	Calibrate alarm thresholds in real time based on ambient temperature
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/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)	97mm × 145mm ×93.5mm
Tripod Mounting	UNC ¼”-20
Warranty	1 year
Battery Life	10 hours

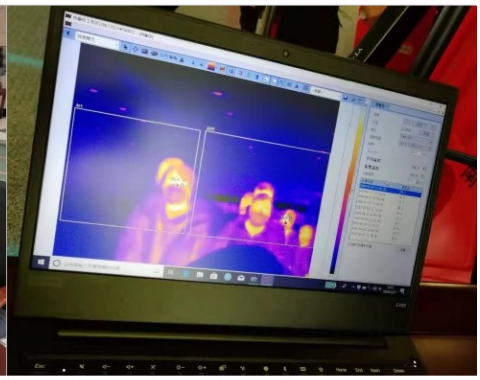
Applications

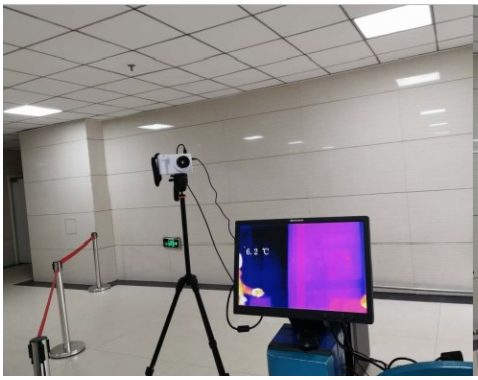
For Transportation Hub

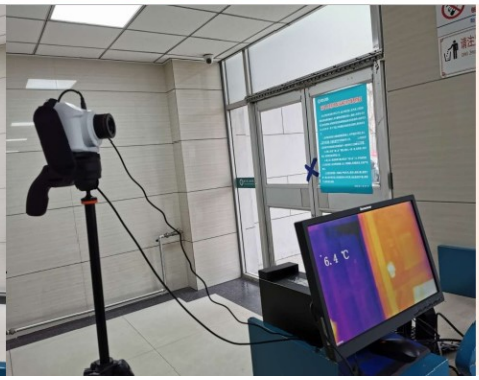


For Hospitals

For Government Agencies







For Corporations and Factories

ABOUT FOTRIC

Infrared Thermal Imaging Technology is the conversion of invisible infrared energy emitted from objects to visible thermal images through infrared detectors and optical imaging lenses. The different colors on the thermograph represent the different temperatures of the measured objects, so that the high/low temperature points and the temperature distribution can be judged intuitively and quickly. And FOTRIC, as a brand that focuses on Infrared Thermal Imaging Technology, derives its name from the following: FO is an abbreviation of the English word PHOTON, the most fundamental unit of light, and TRIC is an abbreviation of the English word ELECTRIC.

FOTRIC is dedicated to the research and innovation of Infrared Thermal Imaging Technology. It integrates an Internet-based thermal big data platform to optimize the user experience and improve work efficiency. FOTRIC launched the Academician's Expert Workstation by the Chinese Academy of Science and Technology in the field of infrared and remote sensing. It owns dozens of core invention patents and software copyrights in the mobile Internet and intellectualization of infrared thermal imaging system. Along with obtaining the global ISO:9001 quality system certification, the U.S. FCC Test, and the CE Test, FOTRIC is a high-tech enterprise.

- In 2012, FOTRIC launched a large-scale network monitoring thermal imaging system, and developed its first thermal image monitoring APP, which leads to the integration of thermal imaging technology and the Internet;
- In 2013, FOTRIC developed its advanced professional thermal imager based on the Android smartphone;
- In 2014, FOTRIC launched an intelligent fire-detecting thermal camera, which can independently complete the analysis of the fire alarm and link them to the fire protection system. It won the innovation fund of the State Ministry of Science and Technology;
- In 2016, the 2nd generation smartphone-based thermal imager FOTRIC 220 series was highly praised by users, winning first place in the thermography image competition in the American IR/INFO' s electric category.
- In 2017, as an Internet cloud-based thermal camera, the FOTRIC 123 was released at CES in the U.S. This innovative device provided the simplest user operations as an Internet cloud-based thermal camera.
- In 2018, FOTRIC launched the new cloud-based thermal imager, named the FOTRIC X Series. This series is based on the PdmIR thermal image data management system, with built-in industry standard and expert capability. Not only can it display the temperature rising trend in real time, but also can generate the report with one click. This strategic series will greatly reduce the user's data processing time cost and study cost. It has created a very innovative portable intelligent thermal imager category. The FOTRIC X was awarded the top prize in the 2019 iF Awards.
- In 2019, FOTRIC introduces HawkAI, MagicThermal, TurboFocus as independent R&D intelligence algorithms leading technological innovation for infrared thermal imagers.

FOTRIC is a public company (NEEQ stock code: 831598) with headquarters in Shanghai, China, and has branches in Beijing, Wuxi, Ji'nan and Xi'an. FOTRIC has developed distributors in more than 10 countries and regions, including South America, UK, Europe, South Korea, India, Singapore and Australia, for a sound sales channel and technical support network to serve global customers.

Our Mission: Improve efficiency and ensure safety

Our Vision: Open up the thermal world for 123,456,789 people

Our Values: Innovation, excellence and integrity

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The pictures are for illustrative purposes only.
Specifications subject to change without notice