

**Face Mask OK**

Detect face mask while sensing temperature and recognizing user face

Thermal Imager

Hi-resolution thermal imager technology as seen at airport

Compact & Powerful

Size of a smartphone, with card reader and access controller built-in

AccuFACE™ ETC-T5

***Fever Detection + Mask Check + Facial Recognition
Within A Second***

Built with high-resolution thermal imaging technology, AccuFACE ETC-T5 is a special version of AccuFACE system, designed to enforce contactless fever detection, face mask check, and facial recognition at the same time, for up to 20,000 users.

Unlike low-cost thermopile based products which are slow and difficult to operate, ETC-T5 equips a long-wave infrared (LWIR) thermal imager and can sense body temperature in real time. And its wide operating range (from 30 to 200 cm) and full sensing angle make the operation of fever detection fast and easy.

Key Features

- **Real Thermal Imager** – authentic LWIR thermal imager equipped
- **Wide-angle Speedy Sensing** – sense every point within the view angle in real time
- **Face Mask Detection** – detect whether wearing face mask and enforce face covering policy
- **Liveness Detection** – reject hacking with photo printout, video and digital image
- **Keep Picture Records** – store up to 100,000 logs with snapshots and temperature records
- **Alarm System Ready** – notify alarm with voice/buzzer alert and LED ring blinking; can trigger external alarm via digital output
- **Facial Recognition Possible** – can support facial recognition like EFR-T5 during fever detection
- **Ultra Compact** – size of a smart phone, only 25mm thick
- **Easy to Install** – support both wall mount and tripod mount; built-in PoE function

Comparing Thermal Sensing Technologies

	AccuFACE ETC-T5	Thermopile based Products
Technology	Hi-resolution LWIR Thermal Imager	Low-resolution Thermopile Array
Operating Distance	Wide Range (30 to 200 cm)	Short (30~40 cm)
View Angle	Wide Able to sense at full screen	Narrow Need user alignment to certain area
Sensing Speed	Very Fast High Framerate Scanning	Slow 3~5 seconds to complete
Durability	Stable and durable	Need calibration after a few month
Cost	Moderate	Low

Thermal Sensing Specifications

Technology	LWIR thermal sensor array
Thermal image	80x60, progressive scan & shutterless
Spectral range	8 μ m to 14 μ m
Frame rate	Up to 30 frames/second
Accuracy	0.3°C (0.54°F) after field calibration
View angle	Around 60 degrees
Sensing range	30°C ~ 45°C (86°F ~ 113°F) on user's face only
Sensing distance	30~200 cm, 1~6.5 ft. (Screening Mode) 30~150 cm, 1~5 ft. (Normal Mode)

System Specifications

Model	AccuFACE ETC-T5 Series
Dimensions & weight	88(W) x 168(H) x 25(D) mm, 250g
Power Supply	DV 12V/ 2.0A IEEE 802.3af PoE
Cameras	Dual Full-HD cameras
Active Illumination	4 hi-power IR LEDs; white-light LED ring
Display	4" Hi-resolution IPS LCD with capacitive multi-point touch
Alarm	Built-in tamper switch; human voice and buzzer alarm
Digital input/output	2 x Input (1 exit switch, 1 multi-function) 2 x Output (1 relay, 1 digital output)
Network	Gigabit Ethernet; optional Wi-Fi/BT 4.0
Operating temperature	0 to 50C (32°F - 122°F)
Regulatory compliance	FCC, CE, ROHS