Fast Screen
Thermal Imaging Thermometer

ZyTemp
A new way to measure temperature

TIM05FL

- ○ Facial recognition with mask detection
- ○ Contactless temperature check at accuracy of measurement
- ○ High temperature alert function
- ○ Replace manual temperature measurement in streamlining the process

Disclaimer
The device is an industrial thermal imaging, not a medical device with the function of measuring body temperature. The device can only be used to quickly check whether the target temperature is too high.
If you want to measure body temperature, please use medical equipment to determine (for example, ear thermometer, etc.).
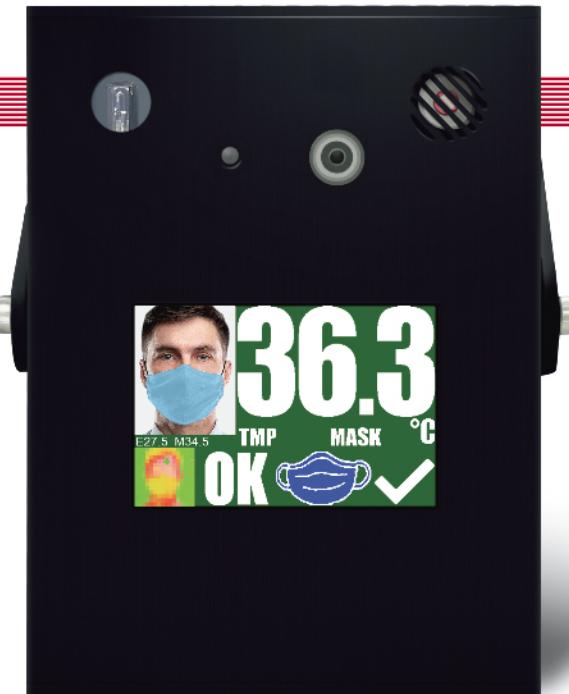
Installation
Wall Mount · Tripod · Desktop

*Note: Recommendation the target between the measure distance is 0.6~1m.

Temperature Measurement
with Thermal Imaging Fusion Technology.

Mask Detection
Fast and Accurate Face Recognition by Visible Light.

High Temperature Alert
Real-time Audible and Visual Alert for High Temperature.
Temperature's Abnormal ≥37.5°C(99.5°F)
Temperature High >39°C(102.2°F)

Reduce Manpower
at Key Checkpoints for Spotting Temperature.

LCD

36.3 °C
TMP MASK
E27.6 M34.5
OK ✓

36.5 °C
TMP MASK
E27.5 M34.5
OK ✗

Ⓐ Live monitor of the target
Ⓑ Thermal image
Ⓒ Live temperature
Ⓓ Mask detection message
Ⓔ Temperature message

Monitor

36.3°C 36.5°C 36.5°C

17:22 17:22 17:22 17:22
36.6° 36.5° 36.5° 36.3°
TMP 36.2°C
TE 26.6°C
TM 30.3°C
Temperature's Normal
Mask Not Wearing
08:32 08:32 08:33 08:33
37.6° 37.6° 37.7° 37.7°

Ⓐ Live temperature monitor
Ⓑ Thermal image
Ⓒ Last readings (Time & Temperature)
Ⓓ Rapid temperature of the target
Ⓔ System parameters
Ⓕ Temperature message
Ⓖ Mask detection message
Ⓗ The latest 4 readings of high temperature ≥37.5°C(99.5°F)
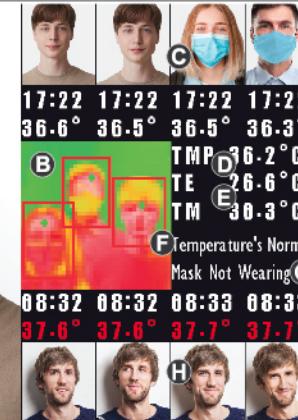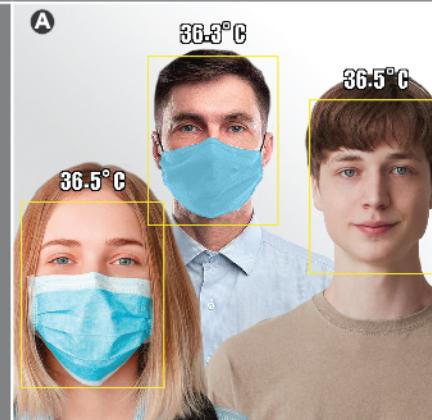
Specifications

Visual Image Resolution	1296 x 732
Visual Image Frame Rate	25Hz
Thermal Image Resolution	32 x 32
Thermal Image Output Screen Resolution	96 x 96
Thermal Image Frame Rate	7Hz
Accuracy	+/-0.3°C (32.54°F) at detection distance of 1m +/-0.4°C (32.72°F) at detection distance of 2m +/-0.5°C (32.90°F) at detection distance of 3m
Measurement Range	16~42°C (60.8~107.6°F)
Operating Range	15~45°C (59~113°F) If the ambient temperature >45°C, it will alert warning
LCD	3.5 inch TFT Resolution: 480 x 32
Output	HDMI
Power	12 DC/ 2A
Dimensions	Thermometer: 149.4 x 180 x 51 mm (5.9 × 7.1 × 2 inch) Remote Control: 86 x 40 x 6 mm (3.4 × 1.6 × 0.2 inch)
Weight	740 grams (26.1 oz)

(Specifications are subject to change without notice)

- Screw
- Tripod Nut
- Infrared Sensor
- Speaker
- Lens
- Thermal Image Sensor
- LCD
- Power on/off
- Input Power
- HDMI

CE RoHS