

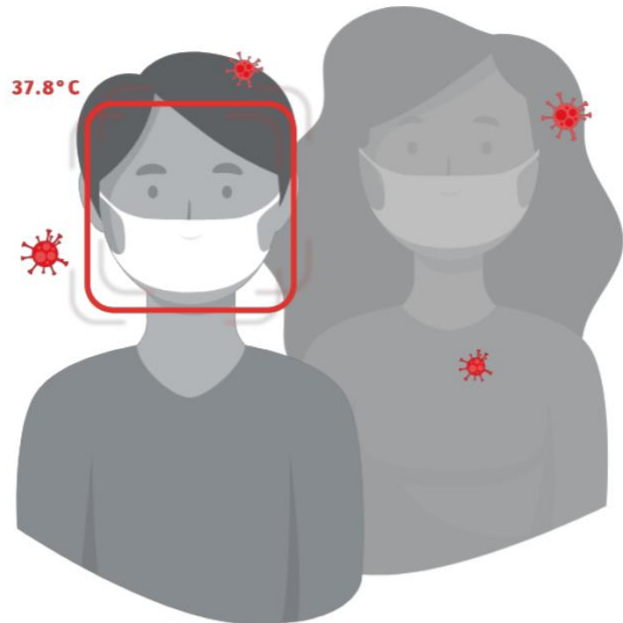


# ZEPLIN

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## Thermal Scanning Body Temperature detection

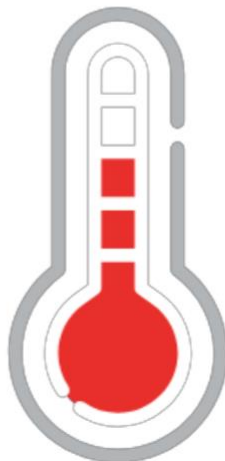


## Thermal Scanner – Body Temperature Detection System

Our Thermal Scanner is an AI solution that can be used for detecting elevated skin temperature in high-traffic public places through quick multiple target screening.

**38.4°C**

**36.8°C**



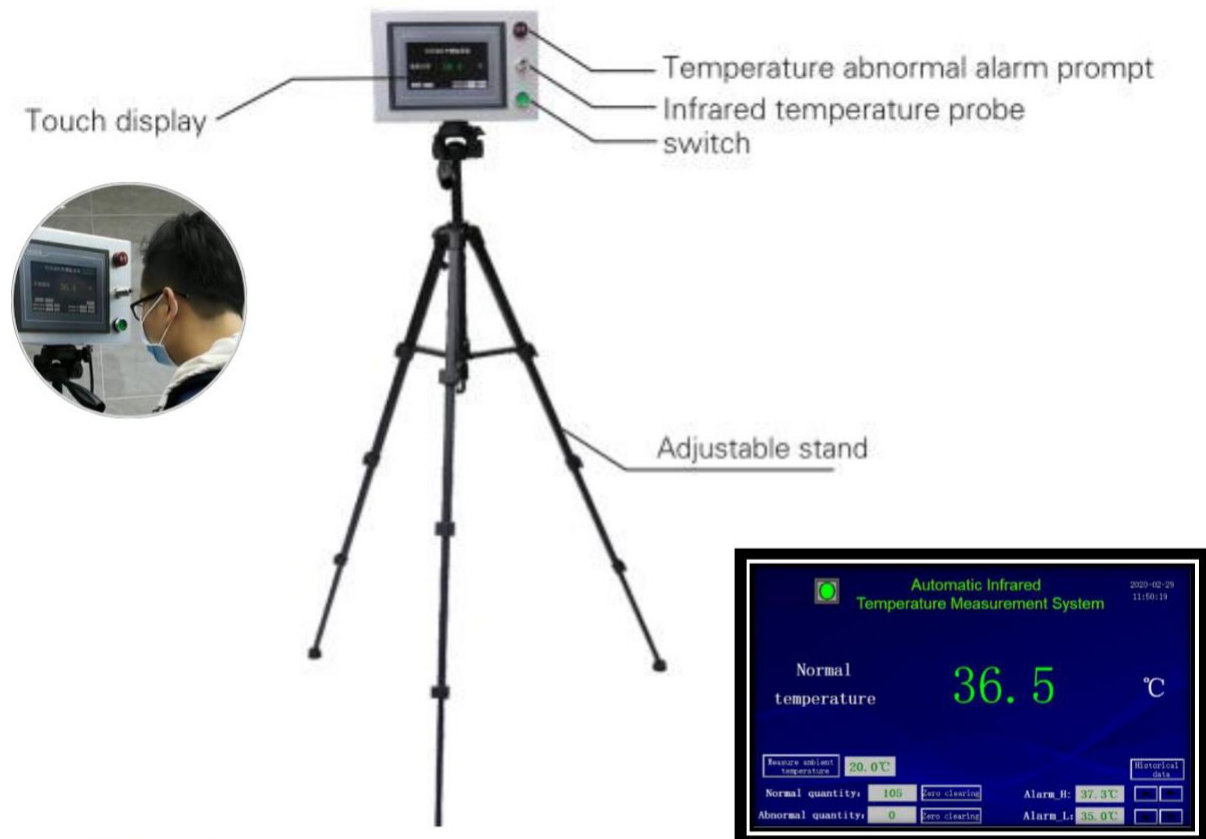
°C

**37.6°C**

We provide AI-based analytics, which, combined with a state-of-the-art thermal camera, enables continuous contactless and non-invasive accurate temperature monitoring. It can be used for preliminary screening in border checkpoints, airports, educational and government institutions, manufacturing warehouses, and hospitals.

## AUTOMATIC INFRARED FEVER SCREENING SYSTEM

The Fever Warning System is suitable for mass fever screening, which helps to detect people with a potential fever and may contain or limit the spread of viruses through identification of infected individuals showing fever symptoms. The system combines advanced technology such as thermography and a human body temperature measurement algorithm to make the equipment accurate and easy to use.



### Touch Screen Specifications

|   |   |
|---|---|
| LCD screen: 7" TFT  | Display color: 65535 true color                     |
| Rated voltage: 220VAC   | Resolution: 800 * 480                               |
| Rated power: 5W   | Ambient temperature: 0 ~ 45 °C                      |
| Protection level: IP65  | Storage temperature: -10 ~ 60 °C                    |
| Memory: 128M  | System storage: 128M                                |
| Serial ports: COM1 (RS232), COM2 (RS485), expandable (COM3, COM4) | USB interface: 1 master and 1 slave                 |
| Panel size: 226.5 * 163mm   | Electromagnetic Compatibility: Industrial Level III |
| Cabinet opening: 215 * 152mm                                      | Product certification: CE / FCC                     |

### Sensor Specifications **Optional SANAS Calibration certification can be provided on request**

|                                |   |
|--------------------------------|---|
| Measuring range: 28 ~ 45 °C    | Test distance: 10 ~ 30cm                            |
| Measurement accuracy: ± 0.5 °C | Signal output: RS485                                |
| Sensor power: 5 ~ 24VDC        | Pressure range: standard atmospheric pressure ± 10% |
| Pixel: 16 * 4                  | Field of view: 110° x 75°                           |