ZK-TD100

Touchless Body Temperature Measurement with Access Control

To further develop preventive measures and help face global health challenges at ZKTeco has released ZK-TD100 a high-precision, noninvasive access control checkpoint with body temperature measurement, to screen temperature in large groups of individuals.

ZK-TD100 is a standalone 'Plug & Play' solution to complement your existing access control installations and help keep count of the number of people who walk past the device providing a convenient and safe experience for both users and Security staff with contactless temperature readings.

✔ Includes a relay board to open doors and/or trigger an external alarm for overtemperature (like the ProFace X TD).

✔ Convenient monitoring of user-temperature parameters. Administrators can monitor data from ZK-TD100 and configure if the passing users can see their temperature values (semi-invasive) or not (less invasive).

✔ Helps save time and resources when monitoring elevated temperatures in large crowds.

✔ The device is lightweight and easy to carry and install. Its height is adjustable, to adapt to all users. It allows counting interactions and counting alarm activation.

Uses & applications of ZK-TD100

ZK-TD100 is especially recommended for indoor facilities and high-traffic areas such as retail, museums, hospitals, schools, recreational areas, theatres, public transport, where it may be useful to change the location of ZK-TD100 according to needs.

Open door

Turnstile linkage

Enable alarm

Features

- Touchless for better hygiene
- Measurement speed ≤1s
- Measurement deviation of ±0.3℃
- Out-of-range temperature alarm
- Pass count and alarm count
- No installation required

- Supports temperature compensation
- Customizable height of temperature sensor from the ground
- Recommended for indoor use
- Support integration with turnstiles and access control devices
- Privacy protection interface
- Support multiple languages

Specifications

Power Requirements	AC 100 ~ 120V/200 ~ 240V
Electrical Current	900mA
Working Temperature	10℃ ~ 35℃ (50°F ~ 95°F)
Working Environment	Indoor
Dimensions (L*W*H)	1700 * 200 * 300 (mm)
Packing Dimensions (L*W*H)	1750 * 350 * 250 (mm)
Weight with Packing (kg)	14.9
Temperature Sensor Type	IR temperature sensor
Temperature Measurement Time	≤1s
Temperature Measurement Point	Forehead or wrist
Temperature Measurement Distance	40mm
Height of Temperature Sensor from the Ground	1500mm (customizable)
Temperature Measurement Deviation	±0.3℃ (±0.54°F)
Temperature Range	20℃ ~ 40℃ (68°F ~ 104°F)
Interval Between Temperature Measurement	2s

* The temperature measurement data is for reference only, and not for any medical purpose.

* This product is not suitable for intense light and high-temperature environments.

* It is advised to use the product indoor without wind.

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