36.5°C (97.7°F)

SBTL8033

Touchless Entrance Control Solution with Body Temperature Measurement

As the number of cases has been increasing and the geographical spread has been widening, the novel coronavirus outbreak has raised grave concerns about public health and personal hygiene.

It is proven that most germs are spread with our hands. Thus, a touchless entrance control solution effectively reduces the risk of the spread of infection in your premises and public areas.
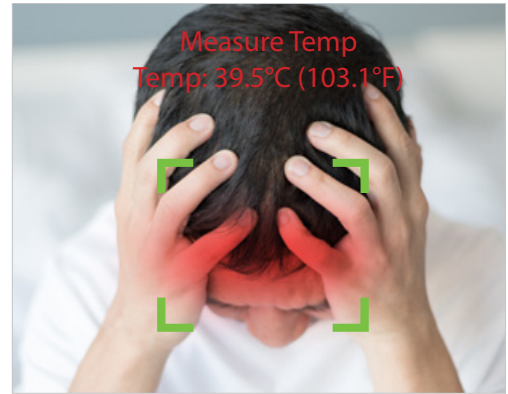
Masked Face

In the time of the global public health issue, wearing surgical masks is a must-take precaution before entering crowded areas such as offices, shopping malls, stations and so on. Un-masked persons would potentially be seen as spreading germs in the community as droplets are one of the most dangerous and easiest ways of infection spreading. With the help of Computer Vision technology, ZKTeco's upgraded terminals can identify whether the user is wearing a mask, while conducting fast and effective facial recognition.

Body Temperature Detection

Most of the thermal cameras in the market are designed for industrial use. Such temperature detection may allow up to +/-2 degrees of deviation, which is simply not precise enough for human body temperature screening during a pandemic of diseases.

In order to solve this problem, ZKTeco combines the visible light facial recognition technology with infrared temperature detection to provide accurate and fast temperature screening during identity verification.

Measure Temp
Temp: 39.5°C (103.1°F)

Quality

Casing of the product is mostly made of superior SUS304 stainless steel for its remarkably high durability. The barrier panels are made of acrylic and have better aging resistance and impact resistance. From raw material procurement to production, a strict quality control and inspection system is applied.
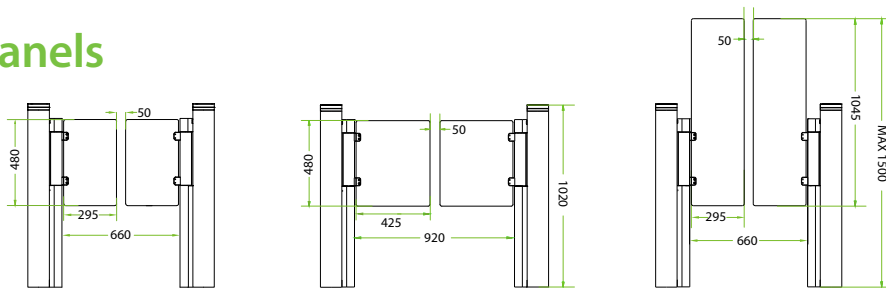

Features

- Fast and accurate visible light facial recognition with wide angle tolerance for masked individuals
- Body temperature detection
- Instant facial recognition in 0.3s
- Servomotor - faster gate opening speed
- 10 pairs of infrared sensors for stronger tailgate detection
- SUS304 stainless casing
- Higher durability for longer product life cycle
- Bi-directional operation control
- LED passage indicator along the lane
- Convenient installation and maintenance
- Various optional panels
- Emergency mode allows free access in case of power failures or emergency

Specifications

Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz
Working Temperature	-28℃ ~ 60℃ (-18.4°F ~ 140°F)
Working Humidity	20% - 95% (Non-condensing)
Working Environment	Indoor
Max. Speed of Throughput	40 people per minute
Lane Width (mm)	660
Dimensions (L*W*H)	1600 * 1040 * 1200 (mm)
Packing Dimensions (L*W*H)	1700 * 300 * 1130 (mm)
Net Weight (kg)	130kg
Weight with Packing (kg)	150kg
Cabinet Material	SUS304 Stainless Steel
Lid Material	SUS304 Stainless Steel & Acrylic
Barrier Material	Acrylic
Barrier Movement	Swing
Emergency Mode	Supported
Face Capacity	30,000 (1:N) / 50,000 (Optional)
Compatibility	900 MHz Dual Core Customized CPU
	512MB RAM / 8G Flash
	8" High Brightness (400lux) IPS Touch LCD
	2MP WDR Low Light Camera
Dimensions of Facial Recognition Device (H*L*D)	227 * 143 * 26 (mm)
Facial Recognition Distance of Masked Individuals	3m
Temperature Deviation	±0.3℃ (±0.54°F)
Detection Distance	25cm – 50cm
Detection Speed	>0.5s
Posture Angle Tolerance	+/-30 degrees

Optional Panels

Low barrier panels

Wide barrier panels

Extra height barrier panels

Dimensions (mm)