SpeedFace-V5L[TI]

Face & Palm Verification and Thermal Imaging Temperature Detection Terminal

0.1s High Speed Temperature Detection — **Up to 120cm Measurement Distance** (30-120cm) — **Touchless for Better Hygiene** — **Temperature Detection** — **Masked Face**

Compatible with ZKBio Access

SpeedFace-V5L [TI] is a fully upgraded version of the SpeedFace-V5L[TD] visible light facial recognition body temperature detection terminal, using Thermal Imaging intelligent engineering facial recognition algorithms and the latest computer vision technology. It supports both facial and palm verification with large capacity and speedy recognition, as well as improves security performance in all aspects.

SpeedFace-V5L [TI] adopts touchless recognition technology and new functions namely temperature detection and masked individual identification which eliminates hygiene concerns effectively. It is also equipped with ultimate antispoofing algorithm for facial recognition against almost all types of fake photos and videos attack. Importantly, the 3-in-1 palm recognition (Palm Shape, Palm Print and Palm Vein) is performed in 0.35 sec per hand; the palm data acquired will be compared with a maximum of 3,000 palm templates.

The terminal with temperature and mask detection will be a perfect choice to help reduce the spread of germs and help prevent infections straightly at each access point of any premises and public areas such as hospitals, factories, schools, commercial buildings, stations during the recent global public health issue with its fast and accurate body temperature measurement and masked individual identification functions during facial and palm verification.

Features

· Visible Light Facial Recognition
· Better hygiene with touchless biometric authentication, temperature detection and masked individual identification
· Thermal Imaging Temperature Detection, 0.1s high Speed detection, measurement distance of 30–120cm
· Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
· Multiple Verification Methods: Face / Palm / Fingerprint / Password
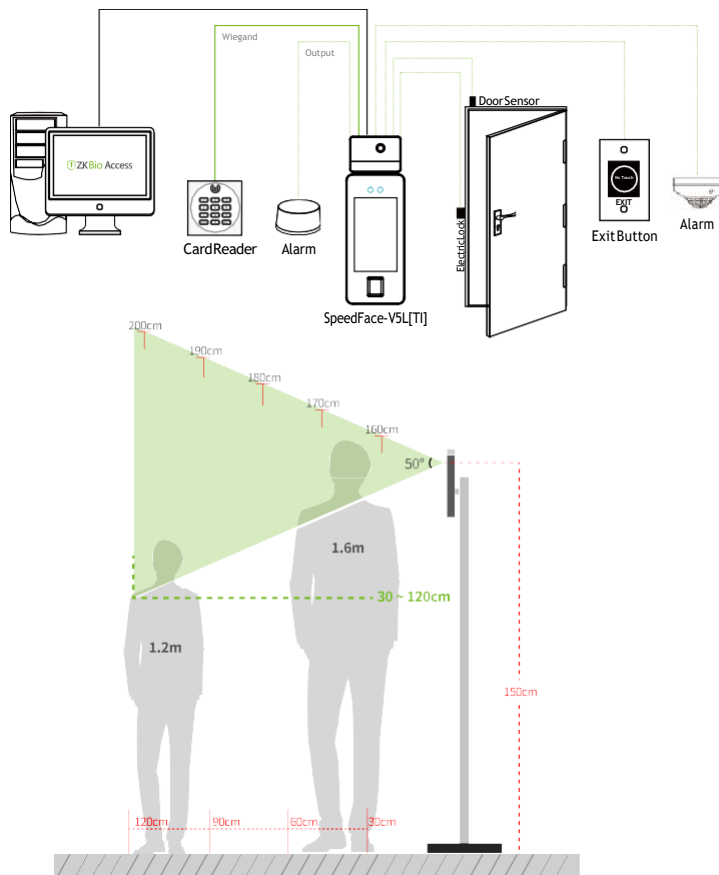
Special Functions

· Mask detection
· Body temperature detection
· Temperature Measurement Distance: 30cm ~ 120cm (0.98ft ~ 3.94ft)
· Temperature Measurement Accuracy: ±0.3℃ (±0.54℉), tested in a distance of 80cm (2.63ft) under 25℃ (77° F) environment
· Temperature Measurement Range: 20℃ ~ 50℃ (68℉ ~ 122℉)

* Facial verification for masked individuals will increase FAR. Palm verification for masked individuals is recommended. Temperature measurement data is for reference only, not for medical use.
SpeedFace-V5L[TI] is available for indoor environments without wind or direct sunlight.

Specifications

Display	5-inch Touch Screen
Face Capacity	6,000
Palm Capacity	3,000
Fingerprint Capacity	6,000 (Standard); 10,000 (Optional)
Transactions	200,000
Operation System	Linux
Standard Functions	ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.
Hardware	900 MHz Dual Core CPU, Memory 512 MB RAM / 8G Flash, 2 MP WDR Low Light Camera, Adjustable Light Brightness LED
Communication	TCP/IP, WiFi (Optional), Wiegand input / output, RS485
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
Facial Recognition Speed	≤1s
Biometrics Algorithms	ZKFace V5.8 & ZKFinger V10.0 & ZKPalm V12.0
Power Supply	12V 3A
Operating Humidity	10% - 90%
Operating Temperature	16°C ~ 35°C (60.8°F ~ 95.0°F)
Dimensions (W*H*D)	92.0 * 262 * 23.5 (mm)
Supported Softwares	ZKBioAccess

Configuration

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Recommended installation height: 150cm
Temperature Measurement Distance: 30cm~120cm

Dimensions (mm)