ZKTeco

SpeedFace-V5L-RFID

Linux-Based Access control
and Time & Attendance Terminal
with Visible Light Facial Recognition
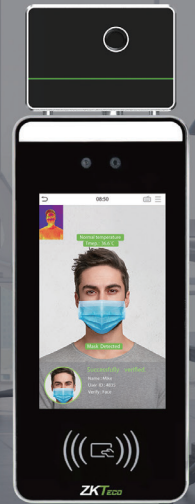
| Proactive Facial Recognition | New Height of Anti-Spoofing | Speedy Recognition | +/- 30 Wide Pose Angle Acceptance | Touchless for Better Hygiene | Face | Card | Palm |

Compatible with
ZK Bio Access

Speedface V5L-RFID   Speedface V5L-RFID[TD]   Speedface V5L-RFID[TI]

Features

- Visible Light Facial Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple verification methods: Face / Palm / Card / Password
- Available card modules: 125kHz ID card (EM) / 13.56MHz IC card (MF)
- Supplement light with adjustable brightness
- 6,000 face templates capacity
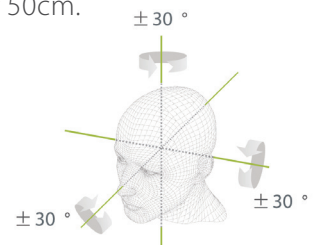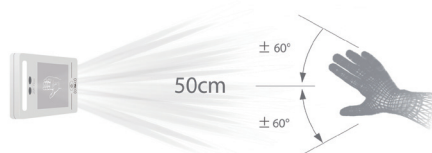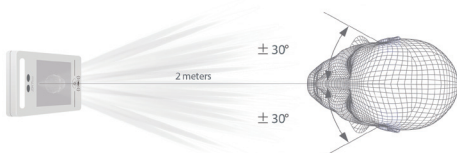
Optional Value-added Functions

- Mask detection
- Body temperature detection
- Visual Intercom
- Dynamic QR Code
- DBS

- Temperature Measurement Distance: 30 ~ 50cm (1~ 1.64ft)
- Temperature Measurement Accuracy: ±0.3℃
- Temperature Measurement Range: 34 ~ 45℃

* 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

2 meters of recognition distance and extra wide angle recognition

The recognition distance has been greatly extended to 2 meters, which significantly improves the maximum traffic rate. While most of the algorithms only support ±15° of detectable face angle, SpeedFace-V5L-RFID doubles the detection angle in terms of head rotation and tilt to ± 30°.
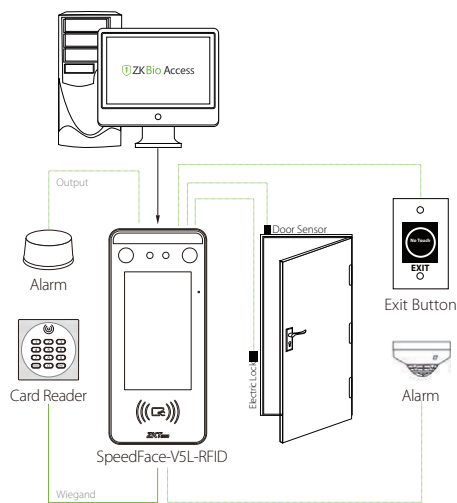
Touchless palm authentication method with a novel hand tracking technique
allowing angle tolerance as wide as ± 60° in the roll axis and a recognition distance of 50cm.

Specifications

Display	5-inch Touch Screen
Face Capacity	6,000 (Optional:10,000)
Palm Capacity	3,000
Card Capacity	10,000
Transactions	200,000
Operation System	Linux
Standard Functions	ID Card, ADMS, T9 Input, DST, Camera, 9 digit user ID, Acess Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods
RF Option	1-125 kHz EM&13.56 MHz MIFARE&DESFIRE EV1/EV2 ; 2-125 kHz EM&13.56 MHz MIFARE&DESFIRE EV1/EV2&HID Prox&HID iCLASS
RF Read Range	≥20mm (RF read range will vary depending on the installation environment)
Hardware	900MHZ Dual Core CPU Memory 1G RAM / 8G ROM 2MP 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
Optional Functions	Mask Detection, Visual Intercom, Dynamic QR Code, Body Temperature Detection
Facial Recognition Speed	≤1s
Biometrics Algorithms	ZKFace V3.9 / Armatura PALM 12.0
Power Supply	12V 3A
Working Humidity	10% to 90%
Working Temperature	-10℃ to 45℃
Dimensions (W*H*D)	91.93*202.93*21.5mm
Supported Software	ZKBioAccess

Configuration

Alarm

Card Reader

Output

Door Sensor

Electric Lock

SpeedFace-V5L-RFID

Exit Button

Alarm

Wiegand

Accessories

RS485 Fingerprint Reader

RFID Reader

Exit Button

Electric Lock

Sensor

Alarm

Dimensions (mm)

21.5

13.6

91.93

202.93

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