





# **SpeedFace Mini**

Access Control & Time and Attendance Terminal with Visible Light Facial Recognition & Palm Recognition















#### **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
- Supplement light with adjustable brightness
- 800 face templates capacity, 800 palm templates capacity

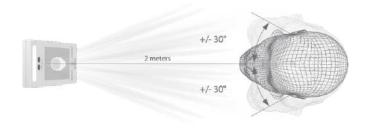
### Recognition distance up to 2m and extra wide angle recognition

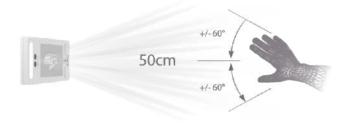
The recognition distance has been greatly extended to 2 meters, which significantly improves the maximum track rate. While most of the algorithms only support  $\pm 15^{\circ}$  of detectable face angle, SpeedFace Mini doubles the detection angle in terms of head rotation and tilt to  $\pm 10^{\circ}$ .

+/- 30°

+/-30°

Touchless palm authentication method with a novel hand tracking technique allowing angle tolerance as wide as  $\pm -60^{\circ}$  in the roll axis and a recognition distance of 50cm.

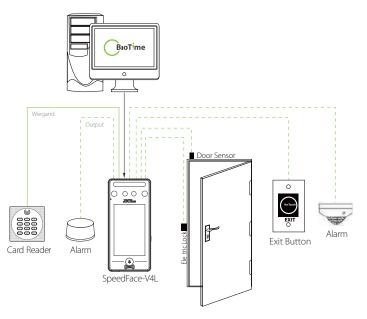




## **Specifications**

Face Capacity 800  Palm Capacity 800  Card Capacity 1,000  Transactions 150,000  Operation System Linux  ID Card, ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods, Palm Recognition, WiFi  900MHz Dual Core CPU; 512MB RAM / 512MB Flash; 2MP Binocular Camera; Adjustable LED Supplement Lighting  Communication TCP/IP, USB Host, WiFi, Wiegand Input/Output, RS485  Access Control Interface 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input  Optional Function 13.56MHz IC Card, SRB Function, Cable Box  Facial Recognition Speed ≤1s  Biometrics Algorithms ZKFace V5.8 & ZKPalm V12.0  Power Supply 12V 3A  Working Humidity 10% ~ 90%  Working Temperature 0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D) 72.94 * 157.94 * 23 (mm)  Net Weight 260g  Gross Weight 850g  Supported Software ZKBioSecurity		
Palm Capacity 800  Card Capacity 1,000  Transactions 150,000  Operation System Linux  ID Card, ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods, Palm Recognition, WiFi  900MHz Dual Core CPU; 512MB RAM / 512MB Flash; 2MP Binocular Camera; Adjustable LED Supplement Lighting  Communication TCP/IP, USB Host, WiFi, Wiegand Input/Output, RS485  Access Control Interface 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input  Optional Function 13.56MHz IC Card, SRB Function, Cable Box  Facial Recognition Speed ≤1s  Biometrics Algorithms ZKFace V5.8 & ZKPalm V12.0  Power Supply 12V 3A  Working Humidity 10% ~ 90%  Working Temperature 0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D) 72.94 * 157.94 * 23 (mm)  Net Weight 260g  Gross Weight 850g	Display	4" touch screen
Card Capacity 1,000 Transactions 150,000  Operation System Linux  ID Card, ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods, Palm Recognition, WiFi  900MHz Dual Core CPU; 512MB RAM / 512MB Flash; 2MP Binocular Camera; Adjustable LED Supplement Lighting  Communication TCP/IP, USB Host, WiFi, Wiegand Input/Output, RS485  Access Control Interface 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input  Optional Function 13.56MHz IC Card, SRB Function, Cable Box  Facial Recognition Speed ≤1s  Biometrics Algorithms ZKFaceV5.8 & ZKPalm V12.0  Power Supply 12V 3A  Working Humidity 10% ~ 90%  Working Temperature 0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D) 72.94 * 157.94 * 23 (mm)  Net Weight 260g  Gross Weight 850g	Face Capacity	800
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Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods, Palm Recognition, WiFi  900MHz Dual Core CPU; 512MB RAM / 512MB Flash; 2MP Binocular Camera; Adjustable LED Supplement Lighting  Communication  TCP/IP, USB Host, WiFi, Wiegand Input/Output, RS485  Access Control Interface 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input  Optional Function 13.56MHz IC Card, SRB Function, Cable Box  Facial Recognition Speed  Biometrics Algorithms ZKFace V5.8 & ZKPalm V12.0  Power Supply 12V 3A  Working Humidity 10% ~ 90%  Working Temperature 0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D) 72.94 * 157.94 * 23 (mm)  Net Weight 850g	Operation System	Linux
Hardware  512MB RAM / 512MB Flash; 2MP Binocular Camera; Adjustable LED Supplement Lighting  Communication  TCP/IP, USB Host, WiFi, Wiegand Input/Output, RS485  Access Control Interface  3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input  Optional Function  13.56MHz IC Card, SRB Function, Cable Box  Facial Recognition Speed  8iometrics Algorithms  ZKFace V5.8 & ZKPalm V12.0  Power Supply  12V 3A  Working Humidity  10% ~ 90%  Working Temperature  0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D)  72.94 * 157.94 * 23 (mm)  Net Weight  260g  Gross Weight  850g	Standard Functions	Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods,
Access Control Interface 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input  Optional Function 13.56MHz IC Card, SRB Function, Cable Box  Facial Recognition Speed ≤1s  Biometrics Algorithms ZKFace V5.8 & ZKPalm V12.0  Power Supply 12V 3A  Working Humidity 10% ~ 90%  Working Temperature 0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D) 72.94 * 157.94 * 23 (mm)  Net Weight 260g  Gross Weight 850g	Hardware	512MB RAM / 512MB Flash; 2MP Binocular Camera;
Optional Function  13.56MHz IC Card, SRB Function, Cable Box  Facial Recognition Speed  ≤1s  Biometrics Algorithms  ZKFace V5.8 & ZKPalm V12.0  Power Supply  12V 3A  Working Humidity  10% ~ 90%  Working Temperature  0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D)  72.94 * 157.94 * 23 (mm)  Net Weight  260g  Gross Weight  850g	Communication	TCP/IP, USB Host, WiFi, Wiegand Input/Output, RS485
Facial Recognition Speed ≤1s  Biometrics Algorithms ZKFace V5.8 & ZKPalm V12.0  Power Supply 12V 3A  Working Humidity 10% ~ 90%  Working Temperature 0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D) 72.94 * 157.94 * 23 (mm)  Net Weight 260g  Gross Weight 850g	Access Control Interface	3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output, Auxiliary Input
Biometrics Algorithms  Power Supply  12V 3A  Working Humidity  10% ~ 90%  Working Temperature  0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D)  72.94 * 157.94 * 23 (mm)  Net Weight  260g  Gross Weight  850g	Optional Function	13.56MHz IC Card, SRB Function, Cable Box
Power Supply 12V 3A  Working Humidity 10% ~ 90%  Working Temperature 0°C ~ 45°C (32°F ~ 113°F)  Dimensions (W*H*D) 72.94 * 157.94 * 23 (mm)  Net Weight 260g  Gross Weight 850g	Facial Recognition Speed	≤1s
Working Humidity $10\% \sim 90\%$ Working Temperature $0^{\circ}\text{C} \sim 45^{\circ}\text{C} (32^{\circ}\text{F} \sim 113^{\circ}\text{F})$ Dimensions (W*H*D) $72.94 * 157.94 * 23 \text{ (mm)}$ Net Weight $260g$ Gross Weight $850g$	Biometrics Algorithms	ZKFace V5.8 & ZKPalm V12.0
Working Temperature       0°C ~ 45°C (32°F ~ 113°F)         Dimensions (W*H*D)       72.94 * 157.94 * 23 (mm)         Net Weight       260g         Gross Weight       850g	Power Supply	12V 3A
Dimensions (W*H*D)         72.94 * 157.94 * 23 (mm)           Net Weight         260g           Gross Weight         850g	Working Humidity	10% ~ 90%
Net Weight 260g  Gross Weight 850g	Working Temperature	0°C ~ 45°C (32°F ~ 113°F)
Gross Weight 850g	Dimensions (W*H*D)	72.94 * 157.94 * 23 (mm)
	Net Weight	260g
Supported Software ZKBioSecurity	Gross Weight	850g
	Supported Software	ZKBioSecurity

# Configuration



### Dimensions (mm)

