



USB Fingerprint Scanner ZKS-1000

1. Product Introduction

ZKS1000 is our new generation of fingerprint USB reader. It is made of high precise optical fingerprint sensor, high performance DSP processor, big capacity FLASH and CMOS chips. It is high quality image capture, fast and accurate verification with 2009 ZKS version algorithm. It is applying for high security software integration and development.



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If you using a mobile phone or dialing from Dubai, Macau, Istanbul or areas outside China,
Please call: (86-21) 6767 9389

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2. Features

- ★ New version of algorithms with dependability and accuracy, identification speed obviously improved, no matter good or poor, within 0.7 seconds
- ★ Stable electronic components. Superior reliable, durable and low power consumption
- ★ Sensor with quality image, accepts dry, wet fingers.
- ★ Adopt high precise optical image element, identify correctly.
- ★ USB port, compact, lightweight and portable.
- ★ Conveniently and easily develop with OCX, supporting multi-development tools, and internet development.
- ★ Strong extended capacity (can be extended to 2000 and even 5000 fingerprints).
- ★ Resistance to scratches, impact, vibration and electrostatic shock.
- ★ SDK is available for software integration and development

3. Parameters

Sensor: optical fingerprint sensor

Scan area: 16mm x 14mm

Acceptable fingerprint angle: $\pm 45^\circ$

FRR: $\leq 0.01\%$

FAR: $\leq 0.00001\%$

Identification speed: 100000fingerprints/second

Identification mode: 1: N, 1:1

Resolution: 403 dpi (256 × 256 pixels)

Port: USB 2.0

Temperature: 0-70°C

Humidity: 10% - 90%

Working current: $\leq 200\text{mA}$

Size: 88mm*80mm*46mm

OS: Windows 2000/XP

4. Applications

*Access control

*Identification system

*Safety system

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