



OS1000

Optical Fingerprint Scanner



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The OS1000 is an optical fingerprint scanner from HFSecurity with a frosted metal casing and excellent water and dust resistance; the OS1000 uses a FIB certified optical sensor and also supports ISO and ANSI fingerprint image standards; the OS1000 is suitable for a variety of applications where fingerprint verification is required, such as military and government fingerprint collection.

Specification

Dimension	75 (L) *52 (W) *18 (H) mm
Weight	150g
Operating Temperature	-10°C to +50°C
Working Humidity	20%RH ~ 90%RH
ESD immunity	±8kV contact discharge, ±15kV air discharge
Supply Voltage	DC 5V±5%
Supply Current	≤ 250mA
Platen Ingress Protection	IP54
Durable	It can be used more than 1,000,000 times
Good Anti-static	>15KV, for dry weather

Software

Operating System Environment	Windows, Android
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Hardware

CPU	200MHz, ARM9
Flash memory	2MB

Interface

Interface	USB Type-A
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Fingerprint Sensor

Sensor	FAP20, FBI certified sensor
Sensor Type	Optical sensor
Active Platen Area	15.24 x 20.32mm
Fingerprint Capacity	64 templates(Expandable)
Template Standard	Support ISO19794-2, ANSI378/381 standard
Image Size	300*400pixel
Image Resolution	500 DPI
Image Format	RAW, WSQ, BMP
Grey Scale	8 bit (256 levels)
Fingerprint Capacity	64 templates (Expandable)
Maximum Acquisition Time (Placement to Template)	<3s
Certification	CE, FCC, FBI (Personal Identity Verification (PIV) Single Finger Capture Device Specifications)

Windows Fingerprint Demo

Provide free fingerprint recognition software demo



- Fingerprint image capture
- Save fingerprint images
- Fingerprint verification
- Fingerprint identification

● We provide fingerprint test demos for Android and Windows operating systems, and Complete source code SDK freely for further development and integration.



USB Type-A



Head-quarter: Chongqing Huifan Technology Co., Ltd.

📍 D-13, Dongli International Building Longtousi, Yubei District, Chongqing, China.

Branch: Shenzhen BIO Technology Co., Ltd.

📍 Room 301-305, No.32, Jiantong Industrial Zone, Yuanshan, Longgang District, Shenzhen, China.

@ info@hfctv.com

📺 Huifan Technology Co., Ltd

📘 Huifan Technology

🐦 HF_Security

🌐 Chongqing-huifan-technology



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