

Fingerprint PC Solutions

UniFinger™ Engine SDK & SFR Fingerprint Scanner

Make your fingerprint applications in a second with Suprema's best-of-breed fingerprint recognition engine and scanner.

Features

Award winning fingerprint recognition algorithm

- No.1 in Fingerprint Verification Competition 2004 and 2006
- Industry's fastest 1:1 and 1:N matching speed
- Support .NET framework
- Support Microsoft Access database
- Multi thread for dual core processor
- BioAPI standard compliance
- Easy and flexible API

High-quality optical fingerprint scanner

- Reliable image quality of 500 dpi
- Hard and strong sensor surface
- Standard USB interface
- Plug and play installation

Template compatible with SFM3000/3500 modules, BioStation™ and BioEntry™

Fingerprint Algorithm SDK

UniFinger™ Engine SDK

Fingerprint Scanners

SFR300-S (stand-alone type)

SFU300 (module type)



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SDK specifications

Data space	256 KB
Template size	384 Bytes (configurable)
Enrollment time	< 0.1 sec (at Pentium IV 3GHz)
Verification time	< 0.1 sec (at Pentium IV 3GHz)
Identification time	10,000 match per second (at Pentium IV 3GHz Dual Core)
Database	Microsoft Access
Encryption	256 bit AES
Supported platforms	Microsoft Windows 98/ME/2000/XP/Linux

Scanner specifications

Model	SFR300-S	SFU300
Type	Stand-alone	OEM module
Fingerprint sensor	Optical	Optical
Resolution	500 dpi / 256 gray	500 dpi / 256 gray
Sensing area	16 x 18 mm	16 x 18 mm
Interface	USB2.0 high speed and full speed	USB2.0 high speed and full speed
Operation temperature	- 10 ~ 50	- 10 ~ 50
Dimension (W x L x H)	40 x 77 x 70 mm	21 x 23 x 52 mm (sensor) 40 x 22 x 1.6 (board)

Applications

- Desktop or Network Security
- Time & Attendance
- Point of Sale
- Internet Transaction
- Membership Management
- Healthcare
- Keyboard or Smartcard reader (SFU300)

Software Development Kit (SDK)

The UniFinger™ Engine SDK enables a user to develop fingerprint applications quickly and easily.

Contents :

- Fingerprint algorithm library for PC Windows
- Sample application program with source code (VC, VB, C#.NET, VB.NET, ASP.NET)
- Technical documents
- Fingerprint scanner : SFR300-S

Contact

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