

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
- 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
- Windows and Linux support
- 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 SFR SDK

## Fingerprint Scanners

SFR300-S (stand-alone type)

SFU300 (module type)



**SUPREMA**

## SDK specifications

Data space	256 KB
Template size	384 Bytes
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 Dure 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	USB 1.1 full speed	USB 1.1 full speed
Operation temperature	0 ~ 40	0 ~ 40
Dimension (W x L x H)	40 x 72 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 or Linux
- 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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