



SUPREMA

Fingerprint PC Solutions

UniFinger™ Engine SDK & SFR200 Fingerprint Readers

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

Features

Award winning fingerprint recognition algorithm

- No. 1 in Fingerprint Verification Competition 2004
- Industry's fastest 1:1 and 1:N matching speed
- BioAPI standard compliant
- Easy and flexible API

High-quality optical fingerprint reader

- Reliable image quality of 500 dpi
- Hard and strong sensor surface
- Standard USB interface
- Plug and play installation
- Stand-alone or wheel mouse type

Compatible with UniFinger™ modules and BioEntry™ access control readers

Fingerprint Algorithm SDK

UniFinger™ -Engine SFR200 SDK

Fingerprint Readers

SFR200-S (standalone type)

SFR200-M (wheel mouse type)



Engine specifications

EER	< 0.1 %
Code space	128 KB
Data space	256 KB
Template size	384 Bytes(reducible to 256 Bytes)
Enrollment time	< 0.1 sec (at Pentium IV 3GHz)
Verification time	< 0.1 sec (at Pentium IV 3GHz)
Identification time (1:1,000)	< 0.2 ~ 1 sec (at Pentium IV 3GHz)
Encryption	256 bit AES (optional)
Supported platforms	Microsoft Windows 98/ME/NT/2000/XP

Reader specifications

Model	SFR200-S	SFR200-M
Type	Stand-alone	3 button optical wheel mouse
Fingerprint sensor	Optical	Optical
Resolution	500 dpi / 256 gray	500 dpi / 256 gray
Sensing area	16 x 19 mm	16 x 19 mm
Interface	USB 1.1 full speed	USB 1.1 full speed
Operation temperature	0 ~ 40°C	0 ~ 40°C
Dimension (W x L x H)	55 x 84 x 42 mm	68 x 120 x 37 mm

Applications

- Desktop or Network Security
- Time & Attendance
- Point of Sale
- Internet Transaction
- Membership Management
- Healthcare
- Keyboard or Smartcard reader (OEM without housing)

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 in VC and VB
- Technical documents
- Fingerprint reader : SFR200-S or SFR200-M

Contact

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