suprema
BioMini & SDK

High Performance PC Fingerprint Solution

Award Winning Algorithm
Precise Scanning
Sleek Design

| **BioMini** | Suprema's fingerprint-based PC solution has been designed specially to provide high level biometric security for desktops as well as complex network environments. Our latest range of high-performance fingerprint USB scanners are supported by powerful software development kit (SDK) which features Suprema's award-winning algorithm, ranked top in FVC and NIST MINEX tests. Suprema PC solution provides unrivalled versatile platform for development to leading security companies, system integrators and hardware manufacturers.

suprema

suprema
BioMini & SDK

High Performance PC Fingerprint Solution

BioMini Front View

BioMini Side View

BioMini SDK

BioMini Features

- World's best performing fingerprint algorithm : Top results in NIST MINEX tests and FVC
- FIPS 201 certified template extractor and matcher
- NIST certified interoperable template format standards (ANSI-378/ISO19794-2)
- Image Compression Standard (WSQ)
- Fast matching speed : 100,000 match within a second* Multi-threaded code design fully utilizing multi-core CPU power

- Plug and play USB 2.0 high speed interface
- Supports multiple device handling

- 500 dpi optical fingerprint sensor
- Scratch free sensor surface

- BioMini SDK for easy application software development
- Supports MS Windows and Linux
- Supports multiple programming languages

*with Intel Core2Duo 2.13GHz

BioMini Specifications

Fingerprint Sensor	Optical (Scratch free sensor surface)
Resolution	500 DPI / 256 gray
Sensing Area	16 x18 mm
Image Size	288 x 320 pixels
Interface	USB 2.0 High speed / Full speed, Plug & Play
O/S	Microsoft Windows, Linux
Operating Temperature	-10~50
Certification	CE, FCC, KCC, WHQL
Size	66 x 90 x 58 mm （ W x L x H ）

BioMini SDK

The BioMini 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#, VB.NET, Java)
- Technical documents
- Fingerprint scanner

SDK Specifications

Template Size	384 Bytes (configurable)
Enrollment Time*	< 0.1 second
Verification Time*	< 0.1 second
Identification Time*	100,000 matches per second
Database	Microsoft Access
Encryption	256 bit AES
Supported Platforms	Windows 7 / Vista / XP / 2000 / ME / 98, Linux

*with Intel Core2Duo 2.13GHz

suprema

Subject to changes without notice. BioMini-120324A-I