

suprema

BioMini

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 fingerprint algorithm - ranked top in FVC 2004, 2006 and NIST MINEX tests. Suprema PC solution provides unrivalled versatile platform for development to leading security companies, system integrators and hardware manufacturers.



SUPrema BioMini

High Performance PC Fingerprint Solution



BioMini Frontal View



BioMini Side View



BioMini SDK

BioMini Applications

- Time and Attendance: Fully compatible with CET BIO and CET.NET software*
- Identificación digital: Captura de huella, compatible con ID.NET

* A special module is required using BioMini with CET.NET

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#.NET, VB.NET, ASP.NET)
- Technical documents
- Fingerprint Scanner: BioMini or UF300



BioMini Features



- World's best performing fingerprint algorithm: Top results in NIST MINEX tests and FVC2004/2006
- NIST certified interoperable template format standards (ANSI378 / ISO19794-2)
- Fast matching speed: 100,000 match within a second*
- Multi-threaded code design fully utilizing multi-core CPU power



Plug & Play



500DPI



- Plug and play USB 2.0 high speed interface
- Supports multiple devices 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
Image area	16 x18 mm
Interface	USB 2.0 High Speed, Plug & Play
O/S	Microsoft Windows and Linux
Operating Temperature	-10 ~ 50°C
Certification	CE, FCC, MIC
Size	66 x 90 x 58 mm (W x L x H)
Supported Languages:	Visual C**, Visual Basic, .NET, Delphi, Java

SDK Specifications

Data Space	256 KB
Template Size	384 Bytes (configurable)
Enrollment Time*	< 0.1
Verification Time*	< 0.1
Identification Time*	1:N within 1 second*
Database	Microsoft Access
Encryption	256 bit AES
Supported platforms	Microsoft Windows 98/ME/2000/XP/VISTA and Linux

*with Intel Core2Duo 2.13GHz