# Suprema BioMini & SDK

**High Performance PC Fingerprint Solution** 



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 BioMini & SDK

### **High Performance PC Fingerprint Solution**



BioMini Front View



BioMini Side View



# 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

### 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 matchin
  - Fast matching speed: 100,000 match within a second\*
    Multi-threaded code design fully utilizing multi-core CPU power

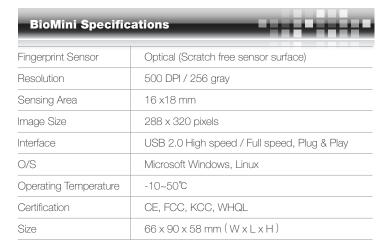


- Plug and play USB 2.0 high speed interface
- Supports multiple device handling
- 500 dpi optical fingerprint sensor
- Scratch free sensor surface



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

\*with Intel Core2Duo 2.13GHz



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

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