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BioMini Slim

Slim USB Fingerprint Scanner

Slim Optical Sensor

FBI PIV/FIPS 201 & Mobile ID FAP20

Rugged IP65 Dust & Water Protection

Advanced Live Finger Detection

Large Platen Size (0.71" X 1.0")



| BioMini Slim |

Suprema BioMini Slim has been designed specially to provide high level security solution for desktop PC and complex network environments. With its proven reliability of FBI-PIV and FAP20 certifications, BioMini Slim features advanced live finger detection (LFD) technology. Packed in a sleek and ergonomic design, it features Suprema's latest slim 500dpi optical sensor with large platen size for easier capturing. Combined with its comprehensive SDK solution, BioMini Slim offers superb hardware and software compatibility makes it an ideal platform for developers.





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BioMini Slim Slim USB Fingerprint Scanner

BioMini Slim Features



- FBI PIV/FIPs 201 and FBI Mobile ID FAP20 certificates
- NIST certified interoperable image & template format standards (ANSI-378/ISO 19794-2, ISO 19794-4)
- Image Compression Standard (WSQ)



- Advanced Live Finger Detection (LFD) Technology



- World's best performing fingerprint algorithm
 - : Top results in NIST MINEX tests and FVC
- FIPS 201 certified template extractor and matcher
- Fast matching speed : 100,000 match within a second (with Intel Core2Duo)



- 500 dpi optical fingerprint sensor
- Large Platen Size: 0.71 X 1.0 inch (18.0mm x 25.4mm) (FAP20 standard: 0.6 x 0.8 inch)



- 500 dpi optical fingerprint sensor
- Large Capture Area: 0.67" x 0.99" (FAP20: 0.6" x 0.8")



- BioMini SDK for easy application software development
- Supports MS Windows / Linux
- Supports multiple programming languages
 - : VC++, VB, VB.NET, C#, Java
- Multi-threaded code design fully utilizing multi-core CPU power

*with Intel Core2Duo 2.13GHz

BioMini Slim Specifications

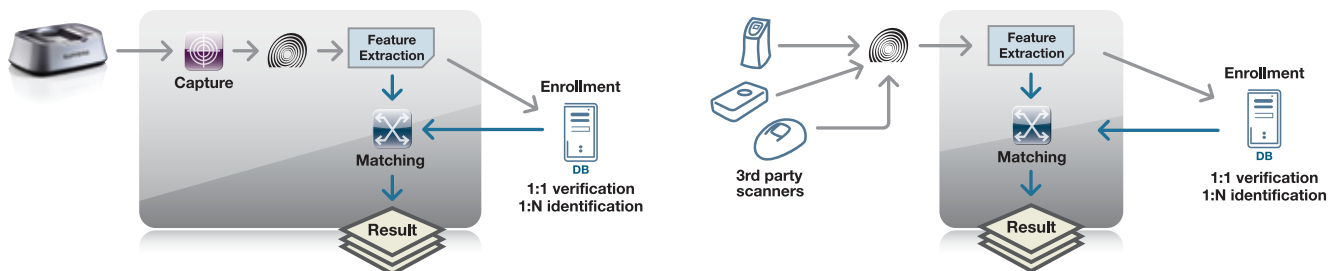
Fingerprint Sensor	Optical
Ingress Protection	IP65
Resolution	500 dpi / 256 gray
Platen Size	18.0 mm x 25.4mm (0.71 X 1.0 inch)
Sensing Area	17.0 x 25.0 mm (0.67 x 0.99 inch)
Image Size	320 x 480 pixels
Interface	USB 2.0 High Speed
O/S	Microsoft Windows / Linux
Operating Temp.	-10 ~ 50°C
Certification	CE, FCC, KCC, CB, WHQL, USB-IF, WEEE
Size (mm)	BioMini Slim : 82(W) x 57.7(D) x 27(H) SFU-S20 : 66.5(W) x 40.0(D) x 20.8(H)

*Operation of BioMini Plus under direct sunlight can result a failure in image capturing.

BioMini SDK Specifications

Template Size	384 Bytes (Configurable)
Enrollment Time	< 0.1 second
Verification Time	< 0.1 second
Identification Time	100,000 matches / second (with Intel Core2Duo)
Programming Languages	VC, VB, C#, VB.NET, JAVA
Database	Microsoft Access (Sample)
Encryption	256 bit AES
Operating System	Windows 8/7/Vista/XP, Linux

System Configuration



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