

# SUPrema

## BioMini & SDK

### High Performance PC Fingerprint Solution

FBI PIV Certification  
Live Finger Detection Technology  
Award Winning Algorithm



**| BioMini & BioMini Plus |** Suprema BioMini PC security solution has been designed specially to provide a high level of security for desktop PC and complex network environments. Packed in a sleek and ergonomic design, it features a durable 500 dpi optical sensor, high speed USB2.0 interface and Suprema's multi-award winning Algorithm. With its proven reliability of FBI-PIV certification, BioMini Plus features advanced hybrid-type live finger detection (LFD) technology. Combined with its comprehensive SDK solution, BioMini offers superb hardware and software compatibility making it an ideal platform for developers.





BioMini Front View



BioMini Side View



SFU500 (OEM version)

### BioMini Features



- FBI PIV-IQS/FIPS 201 certification (BioMini Plus)
- NIST certified interoperable template format standards (ANSI-378/ISO19794-2)



- Hybrid live finger detection (LFD) technology (BioMini Plus)



- World's best performing fingerprint algorithm: Top results in NIST MINEX tests and FVC2004/2006



- 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

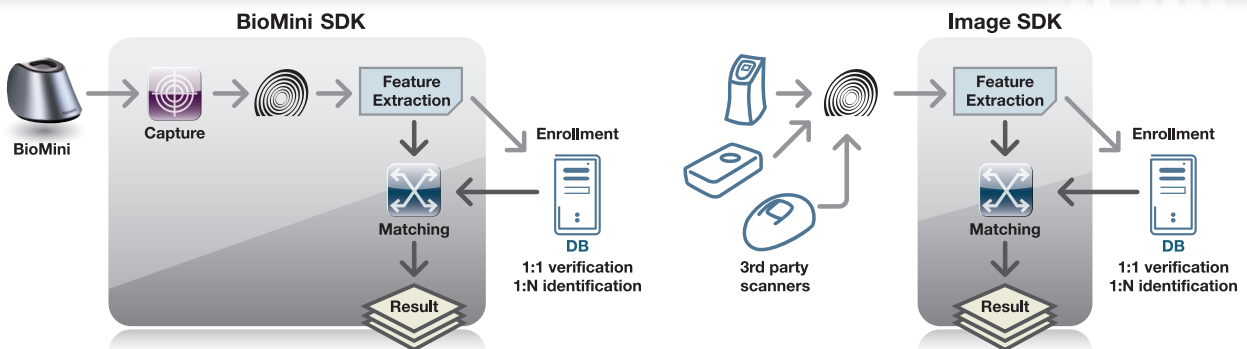
- BioMini SDK for easy application software development
- Supports MS Windows/Linux
- Supports multiple programming languages

\*with Intel Core2Duo 2.13GHz

### BioMini Specifications

Fingerprint Sensor	Optical (Scratch free sensor surface)
Resolution	500 DPI / 256 gray
Sensing Area	16 x 18 mm   15.8 x 18.8mm (BioMini Plus)
Image Size	288 x 320 pixels   260 x 340 pixels (BioMini Plus)
Interface	USB 2.0 High speed / Full speed, Plug & Play
O/S	Microsoft Windows & Linux
Operating Temperature	-10°C ~ 50°C
Certification	CE, FCC, KCC, FBI PIV (BioMini Plus), FIPS 201 (BioMini Plus)
Size	66 x 90 x 58mm (W x L x H)

### System Configuration



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