

BioMini Plus 2

USB Fingerprint Authentication Scanner

- FBI PIV/Mobile ID & STQC certified
- Multi Dynamic Range (MDR) Technology
- Mobile Authentication with Android Support
- Live Fingerprint Detection (LFD) Technology



| BioMini Plus 2 | Suprema BioMini Plus 2 has been designed to provide a high level security solution with its proven reliability of FBI-PIV & STQC certifications. BioMini Plus 2 features the industry's most advanced MDR (multi dynamic range) technology to capture exceptional image quality even under extreme lighting conditions (operates under direct sunlight up to 100,000 LUX). The scanner also features cutting edge live fingerprint detection (LFD) technology for improved security against spoofing, and the latest version of the multi award-winning Suprema algorithm for better performance. Combined with ergonomic design, high speed USB 2.0 interface and comprehensive SDK solution, BioMini Plus 2 offers a superb biometric authentication solution for both public and commercial applications.



BioMini Plus 2

USB Fingerprint Authentication Scanner



Front View



Side View



SFU550 (OEM Version) OPV Sensor

BioMini Plus 2 Features



FBI PIV/FIPS 201 Certification

- FBI PIV/FIPS 201 certification ensures that BioMini Plus 2 scanners are in compliance with FBI's next generation identification system image quality specification.



FBI Mobile ID FAP 10 Certification

- FBI Mobile ID certification guarantees reliable operation of BioMini Plus 2 scanners in mobile environments, based upon specified capture dimensions (FAP 10)



STQC Certification by UIDAI

- STQC certification is to ensure the BioMini Plus 2 scanner fully complies with standards, specifications and quality measures released by UIDAI for UID (AADHAAR) based e-KYC (Know Your Customer) applications.



Multi Dynamic Range (MDR) Technology

- Operates under direct sunlight up to 100,000 LUX



Live Fingerprint Detection (LFD) Technology

- Distinguishes fake fingerprints made from various materials including clay, rubber, silicon, glue, paper, film and more



New Improved Optical Sensor

- 500dpi optical fingerprint sensor
- Scratch proof IP65 sensor surface



World's best performing fingerprint algorithm

- Fast matching speed : 100,000 match/second (w/ Intel Core2Duo)



USB Interface

- High-speed USB 2.0

Supports multiple device handling



Easy Integration

- BioMini SDK for easy application development

- Supports Windows/Linux/Android

- Supports multiple programming language: VC++, VB, VB.NET, C#, Java

- Multi-threaded code design for multi-core CPU utilization

Specifications

| | | |
|------------------|--|---|
| Main | Sensor Type | Optical |
| | Resolution | 500dpi / 256 gray |
| | Platen Area | 16.0mmx19.0mm (0.63"x0.75") |
| | Sensing Area | 16.0mmx18.0mm (0.63"x0.71") |
| | Image Size | 315 x 354 pixels |
| | Compression Standards | WSQ |
| | Template Format | Suprema, ISO19794-2, ANSI-378 |
| | Image Format | RAW, BMP, WSQ, ISO 19794-4 |
| | Image Certificate | FBI PIV/FIPS 201, FBI Mobile ID FAP10, STQC |
| | Live Fingerprint Detection | Supported |
| Latent Detection | Supported | |
| IP65 | Supported (Sensor Surface), Scratch free | |
| Interface | USB | 2.0 High-speed |
| Hardware | Operating Temp./Humidity | -10°C ~ 50°C / 0~90% |
| | Certification | CE, FCC, KC, RoHS, USB-IF, CB, IEC62471, WEEE, WHQL |
| | Dimensions | BioMini Plus 2 : 66 x 90 x 58 mm (W x L x H) SFU550 (OPV) : 20.5 x 25 x 55.5 mm (W x L x H) |
| Compatibility | Operating System | Windows/Linux (32/64bit) / Android 4.1 & above |

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