

BM-Slim2

Ultra-slim FAP20 Authentication Scanner Module



BM-Slim2 is FAP20 certified fingerprint scanner featuring an array of cutting-edge technologies. Along with its 13.5mm slim optical sensor, BM-Slim2 features Suprema's proprietary Multi-dynamic Range(MDR) technology, FBI PIV/Mobile ID FAP20 compliance and Android device support. BM-Slim2 also provides developers more physical flexibility with its reduced form factor and the ultra-slim optical sensor ensures robust operation over time. BM-Slim2 provides new and advanced Live Finger Detection(LFD)technology by applying a machine learning method that analyzes and categorizes image patterns according to optical characteristics.



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FEATURES



- World's thinnest 13.5 mm FAP20 certified optical fingerprint scanner



- FBI PIV and FBI Mobile ID FAP20 certificates
- Image compression standard: WSQ



- Capturing high-quality fingerprint images even when the finger is dry & wet.
- 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



- Easy Integration
- BioMini SDK for easy application development
- Android, MS Windows & Linux compatible
- Multi-threaded code design for multi-core CPU utilization



- No need to type in a password
- Instant login by touching your finger

SPECIFICATIONS

| | | |
|---------------|---|--|
| Sensor | Image Quality Standards | FBI PIV / FBI Mobile ID FAP20 |
| | Live Finger Detection | 0 |
| | Sensor Type | Optical |
| | Resolution | 500 ppi |
| | Gray Scale | 256 level |
| | Platen Size (W x L mm) | 16.5 x 21.0 |
| | Sensing Area (W x H mm) | 15.24 x 20.32 |
| H/W | Image Size (W x H pixels) | 300 x 400 |
| | Interface | USB 2.0 High Speed |
| | Operating Temperature(°C) | -10~50°C |
| | Operating humidity | 10 ~ 90% RH |
| S/W | Dimensions (W x L x H mm) | 59 x 32 x 13.5 mm |
| | Windows | Windows XP, Vista, 7, 8, 8.1, 10 32/64bit |
| | Linux | Ubuntu, Debian, Fedora, OpenSUSE, Cent OS 32/64bit |
| | Android Android 4.1(Jelly Bean)and Above | 0 |
| | Image Format | RAW, BMP, WSQ, ISO 19794-4 |
| Certification | Template Type | Suprema, ISO19794-2, ANSI-378 |
| | CE | 0 |
| | FCC | 0 |
| | KC | 0 |
| | UL / CB | 0 |
| | IEC62471 | 0 |
| | WEEE | 0 |
| | WHQL | 0 |

suprema
SECURITY & BIOMETRICS

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