

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.



BM-Slim2

Ultra-slim FAP20 Authentication Scanner Module

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	0 ~ 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

Suprema ID Inc.

#305~308, 3F, Building A, Tera Tower 2, 201 Songpa-daero, Songpa-gu, Seoul, Republic of Korea
T +82 31 710 5629 **E** sales_id@supremainc.com **www.suprema-id.com**

©2020 Suprema ID Inc. Suprema and identifying product names and numbers herein are registered trade marks of Suprema ID Inc. All non-Suprema brands and product names are trademarks or registered trademarks of their respective companies. Product appearance, build status and/or specifications are subject to change without notice. [SUPREMAID-DHL-BM-S2-EN-REV06]