

# BioMini Slim 2S

Ultra-slim FAP20 Standalone  
Authentication Scanner



BioMini Slim 2S is a FBI PIV and Mobile ID FAP20 certified fingerprint scanner that provides a number of industry-leading features under its sleek design. Featuring range-leading powerful 1.0GHz CPU, BioMini Slim 2S provides high-speed extraction and matching of fingerprints within the scanner.

BioMini Slim 2S also supports true plug-n-play by featuring HID(human interface device) protocol. BioMini Slim 2S is a versatile identification solution for both public and civil ID applications.

# BioMini Slim 2S

Ultra-slim FAP20 Standalone Authentication Scanner



## Features



- True plug-n-play operation
- HID(human interface device) protocol



- Standalone operation
- 1.0GHz MIPS-base Xburst Core CPU
- On-device fingerprint extraction and matching
- O/S independent fingerprint scanner



- Enhanced Security
- On-device template encryption
- On-device template extraction



- World's slimmest FAP 20 optical sensor



- FBI PIV/FIPS201 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



- Automated power saving by smart sleep mode
- BioMiniSlim 2 now consumes up to 95% less power than competitors

## Specifications

Sensor	Image Quality Standards	FBI PIV / FBI Mobile ID FAP20
	Live Finger Detection	O
	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
	Ingress Protection	IP65(Sensor Surface)
	Dimensions (W x L x Hmm)	72.8 X 40.7 X 18.5
	Weight (Kg)	0.09
S/W	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	O
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Template Type	Suprema, ISO19794-2, ANSI-378
Certification	CE	O
	FCC	O
	KC	O
	UL / CB	O
	IEC62471	O
	WEEE	O
	WHQL	O

**suprema**  
BIOMETRICS & SECURITY

Suprema ID Inc.

16F Parkview Tower, 248, Jeongjail-ro, Bundang- gu, Seongnam-si, Gyeonggi-do, 13554, Rep. of KOREA

Tel: +82 31 783 4502 | Fax: +82 31 783 4503 | Inquiry: sales@supremainc.com | [www.suprema-id.com](http://www.suprema-id.com)

©2018 Suprema Inc. Suprema and identifying product names and numbers herein are registered trade marks of Suprema, 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.  
[DHL-BMS-2S-171208-04-EN]