

BM-Slim2S

Ultra-slim FAP20 Standalone Authentication Module



BM-Slim2S is a FBI PIV and Mobile ID FAP20 certified fingerprint module that provides a number of industry-leading features under its sleek design. Featuring range-leading powerful 1.0GHz CPU, BM-Slim 2S provides high-speed extraction and matching of fingerprints within the scanner.

BM-Slim2S also supports true plug-n-play by featuring HID(human interface device) protocol. BM-Slim2S is a versatile identification solution for both public and civil ID applications.



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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
- BM-Slim 2S now consumes up to 95% less power than competitors

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)	IP65 (Sensor Surface)
	Windows	OS/Platform Independent, Stand-alone Operation
	Linux	OS/Platform Independent, Stand-alone Operation
	Android Android 4.1(Jelly Bean)and Above	OS/Platform Independent, Stand-alone Operation
	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

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