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.

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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 · FBI PIV/FIPS201 and FBI Mobile ID FAP20 certificates
· Image compression standard: WSQ

Multi Dynamic Range · 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
   - Hybrid LFD features : Hardware LFD(F/W)
                   + Software LFD(BioMini SDK)

· 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/FIPS 201 and 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
	Image Size (W x H pixels)	300 x 400
H/W	Interface	USB 1.1 or Higher
	Operating Temperature(°C)	-10~55°C
	Operating humidity	0 ~ 90% RH
	Ingress Protection	IP65 (Sensor Surface)
	Dimensions (W x L x Hmm)	72.8 X 40.7 X 18.5
	Weight (g)	91
S/W	Windows	OS/Platform Independent, Stand-alone Operation
	Linux	OS/Platform Independent, Stand-alone Operation
	Android Android 5.0 and later	OS/Platform Independent, Stand-alone Operation
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Template Type	Xperix, ISO19794-2, ANSI-378
Certification	CE	O
	FCC	O
	KC	O
	RoHS	O
	UL	X
	USB-IF	X
	CB	O
	IEC62471	O
	WEEE	O
	REACH	O
	WHQL	X

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