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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

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 - True plug-n-play operation
 - HID(human interface device) protocol
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 - Standalone operation
 - 1.0GHz MIPS-base Xburst Core CPU
 - On-device fingerprint extraction and matching
 - O/S independent fingerprint scanner
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 - Enhanced Security
 - On-device template encryption
 - On-device template extraction
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 - World's slimmest FAP 20 optical sensor
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 - FBI PIV/FIPS201 and FBI Mobile ID FAP20 certificates
 - Image compression standard: WSQ
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 - Capturing high-quality fingerprint images even when the finger is dry & wet
 - Operates under direct sunlight up to 100,000 LUX
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 - 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)
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 - 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	8-bit, 256 levels
	Platen Size (W x L)	16.5 mm x 21 mm
	Sensing Area (W x H)	15.2 mm x 20.3 mm
H/W	Image Size (W x H)	300 x 400 pixels
	Interface	USB 2.0 High Speed
	Operating Temperature	From -10°C to 55°C
	Operating humidity	0% - 90%, non-condensing
	Ingress Protection	IP65 (Sealed between bezel and sensor surface)
	Dimensions (W x L x H)	72.8 mm x 40.7 mm x 18.5 mm
	Weight	91 g
S/W	Windows	Windows 10 or higher 32/64bit
	Linux	Ubuntu, Debian, Fedora, OpenSUSE, CentOS 32/64bit
	Android	Android 5.0 or higher (USB Host)
	Image Format	RAW, BMP, ISO 19794-4, WSQ(FBI certified)
	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	O



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