

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	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 1.1 or Higher
	Operating Temperature(°C)	-10~50°C
	Operating humidity	0 ~ 90% RH
	Ingress Protection	IP65 (Sensor Surface)
	Dimensions (W x L x H mm)	72.8 X 40.7 X 18.5
S/W	Weight (g)	91
	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
	RoHS	0
	UL	X
	USB-IF	X
	CB	0
	IEC62471	0
	WEEE	0
	REACH	0
	WHQL	X

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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

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