



suprema
SECURITY & BIOMETRICS

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-and-play operation
 - HID (human interface device) protocol
-  Standalone operation
 - 1.85 Hz MIPS-based X86bit Core CPU
 - On-device ngerprint extraction and matching
 - O/S independent ngerprint 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 certifies
 - Image compression standard: JPEG
-  **Multi Dynamic Range**
 - Capturing high-quality ngerprint images even when the nger is dry & wet
 - Operates under direct sunlight up to 100,000 Lux
-  Live Fingerprint Detection (LFD) Technology
 - Distinguishes fake ngerprints made from various materials including clay, rubber, silicon, glue, paper, tin and more
 - Hybrid LFD features (Hardware LFD(F/W) + Software LFD(BioMini 50K))
-  Automated power saving by smart sleep mode
 - BioMini Slim 2 now consumes up to 65% less power than competitors

SPECIFICATIONS

Sensor	Image Quality Standards	FBI PIV/FIPS 201 and FBI Mobile ID FAP20
	Live Fingerprint Detection	Q
	Sensor Type	Optical
	Resolution	580 dpi
	Roller Width	250 level
	Platform Size (W x L, mm)	18.5 x 21.8
	Sensing Area (W x H, mm)	15.24 x 20.32
Image Size (W x H, mm)	380 x 480	
H/W	Interface	USB 1.1 or Higher
	Operating Temperature(°C)	-10~50°C
	Operating humidity	0 ~ 90% RH
	Ingress Protection	IP68 (Sensor Surface)
	Dimensions (W x L x H, mm)	73.8 x 43.7 x 18.5
Weight (g)	90	
S/W	Windows	Q/S Platform Independent, Stand-alone Operation
	Linux	Q/S Platform Independent, Stand-alone Operation
	Android <small>(Android 4.0 and above)</small>	Q/S Platform Independent, Stand-alone Operation
	Image Format	JPEG, BMP, PSD, ISO 15704-4
	Template Type	Suprema, ISO19794-2, ANSI-375
Certification	CE	Q
	RoHS	Q
	REACH	Q
	UL	X
	UL	X
	USB-IF	X
	CB	Q
	ISO9001	Q
	ISO27001	Q
	ISO27002	Q
	ISO27003	Q
	ISO27004	Q
	ISO27005	X



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