

BioMini Slim S

Standalone Authentication Scanner



| BioMini Slim S | BioMini Slim S 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 S provides high-speed extraction and matching of fingerprints within the scanner. BioMini Slim S also supports true plug-n-play by featuring HID(human interface device) protocol. BioMini Slim S 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



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



- Live Fingerprint Detection (LFD) Technology
- Distinguishes fake fingerprints made from various materials including clay, rubber, silicon, glue, paper, film and more



- Multi Dynamic Range (MDR) Technology
- Operates under direct sunlight up to 100,000 LUX



- Rugged IP65 dust and waterproof form factor

SPECIFICATIONS

	Image Quality Standards	FBI PIV / FBI Mobile ID FAP20
	Live Finger Detection	O
Sensor	Sensor Type	Optical
	Resolution	500 ppi
	Gray Scale	256 level
	Platen Size (W x L mm)	18.0 x 25.4
	Sensing Area (W x H mm)	16.2 x 24.3
	Image Size (W x H pixels)	320 x 480
H/W	CPU & RAM	MIPS-Base Xburst Core (Up to 1.0 Ghz), RAM : 32Mbyte LPDDR
	Interface	USB 2.0 High Speed, HID
	Operating Temperature(°C)	-10~50°C
	Operating humidity	10 ~ 90% RH
	Ingress Protection	IP65
	Dimensions (W x L x H mm)	82 x 57.7 x 27
	Weight (Kg)	0.14
S/W	Windows	Standalone Operation
	Linux	Standalone Operation
	Android <small>Android 4.1(Jelly Bean)and Above</small>	Standalone Operation
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Template Type	Suprema, ISO19794-2, ANSI-378
	Template Encryption Type	AES256
Certification	CE	O
	FCC	O
	KC	O
	UL / CB	O
	IEC62471	X
	WEEE	X
	WHQL	X

* Suprema Core algorithm used SFU-S20A to create the minutiae.

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