BioMini Plus 2

PIV Certified Authentication Scanner

Suprema BioMini Plus 2 has been designed to provide high level security solution with its proven reliability of FBI-PIV certification. BioMini Plus 2 features industry's most advanced MDR(multi dynamic range) technology to capture exceptional image quality even under extreme lighting conditions(operates under direct sunlight up to 100,000 LUX).

The scanner also features cutting-edge live fingerprint detection(LFD) technology for improved security against spoofing, and the latest version of multi award-winning Suprema algorithm for better performance. Combined with ergonomic design, high speed USB 2.0 interface and comprehensive SDK solution, BioMini Plus 2 offers superb biometric authentication solution for both public and commercial applications.

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FEATURES

FBI
· FBI PIV and FBI Mobile ID FAP10 certificates
· Image compression standard: WSQ

Sun Light
· Multi Dynamic Range (MDR) Technology
 - 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

500DPI
· New Improved Optical Sensor
 - 500dpi optical fingerprint sensor
 - Scratch proof IP65 sensor surface

· Easy Integration
 - BioMini SDK for easy application development
 - Android, MS Windows & Linux compatible
 - Multi-threaded code design for multi-core CPU utilization

SPECIFICATIONS

Sensor	Image Quality Standards	FBI PIV/FBI Mobile ID FAP10
	Live Finger Detection	O
	Sensor Type	Optical
	Resolution	500 ppi
	Gray Scale	256 level
	Platen Size (W x L mm)	16.0 x 19.0
	Sensing Area (W x H mm)	16.0 x 18.0
	Image Size (W x H pixels)	315 x 354
H/W	Interface	USB 2.0 High Speed
	Operating Temperature(℃)	-10~50℃
	Operating humidity	0 ~ 90% RH
	Ingress Protection	IP65 (Sensor Surface)
	Dimensions (W x L x Hmm)	66 x 90 x 58
	Weight (g)	175
S/W	Windows	Windows XP, Vista, 7, 8, 8.1, 10 32/64bit
	Linux	Ubuntu, Debian, Fedora, OpenSUSE, Cent OS 32/64bit
	Android Android 4.1.(Jelly Bean)and Above	O
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Template Type	Suprema, ISO19794-2, ANSI-378
Certification	CE	O
	FCC	O
	KC	O
	RoHS	O
	UL	X
	USB-IF	O
	CB	O
	IEC62471	O
	WEEE	O
	REACH	X
	WHQL	O