BioMini High Performance Authentication Scanner



BioMini Suprema's fingerprint-based PC solution has been designed specially to provide high level biometric security for desktops as well as complex network environments. Our latest range of high-performance fingerprint USB scanners are supported by powerful software development kit(SDK) which features Suprema's award-winning algorithm and ranked top in FVC and NIST MINEX tests. Suprema PC solution provides unrivalled versatile platform for development to leading security companies, system integrators and hardware manufacturers.



BioMini High Performance Authentication Scanner

· World's best performing fingerprint algorithm : Top results in NIST MINEX tests and FVC

FEATURES

SPECIFICATIONS

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	 NIST certified interoperable image & template format standards (ANSI-378/ISO 19794-2, ISO 19794-4) Image Compression Standard (WSQ) Fast matching speed : 100,000 match / second (with Intel Core2Duo) 	Sensor	nesolu
			Gray So
			Platen Size (V
			Sensing Area (
			Image Size (W
7	 USB 2.0 high speed interface Supports multiple device handling 	H/W	Interfa
			Operating Tem
			Operating h
			Ingress Pro
			Dimensions (W
, ,,	 New Improved Optical Sensor 500dpi optical fingerprint sensor Scratch proof IP65 sensor surface 		Weight
		S/W	Windo
			Linu
			Android Android 4.1(.
			Image Fo
<u>,</u>	 BioMini SDK for easy application software development Supports MS Windows, Linux and Android 4.1 & Above Supports multiple programming languages 		Template
			CE
			FCC
			KC
		Certification	UL/C

	Live Finger Detection	Х
	Sensor Type	Optical
	Resolution	500 ppi
Sensor	Gray Scale	256 level
	Platen Size (W x L mm)	16 x 18
	Sensing Area (W x H mm)	14.6 x 16.2
	Image Size (W x H pixels)	288 x 320
	Interface	USB 2.0 Hight Speed
	Operating Temperature(°C)	-10~50°C
	Operating humidity	10 ~ 90% RH
F1/ VV	Ingress Protection	IP65(Sensor Surface)
	Dimensions (W x L x Hmm)	66 x 90 x 58
	Weight (Kg)	0.12
	Windows	Windows XP, Vista, 7, 8, 8.1, 10 32/64bit
	Linux	Ubuntu, Debian, Fedora, OpenSUSE, Cent OS 32/64bit
S/W	Android Android 4.1 (Jelly Bean) and Above	0
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Template Type	Suprema, ISO19794-2, ANSI-378
	CE	0
	FCC	0
	КС	0
ertification	UL / CB	Х
	IEC62471	Х
	WEEE	Х
	WHQL	0

suprema

BioMini SDK

BioMini SDK is suitable for applications where fingerprint enrollment and recognition can be done on PC or network based systems with Suprema BioMini, BioMini Combo and SFU series scanners.

Windows / Linux 📕 🧴

FEATURES

- World's best performing fingerprint algorithm
- : Top results in NIST MINEX tests and FVC
- FIPS 201 certified template extractor and matcher • Fast matching speed : 100,000 match / second (with Intel Core2Duo)
- Supports MS Windows and Linux
- Supports multiple programming languages: VC++, VB, VB.NET, C#, Java Multi-threaded code design fully utilizing multi-core CPU power
- Fingerprint templates compatible with Suprema Products

SPECIFICATIONS

- Template Size : 1024 Bytes (Configurable)
- Enrollment Time : < 0.1 second
- Verification Time : < 0.1 second
- Identification Time : 100.000 matches / second (with Intel Core2Duo)
- · Programming Languages : VC, VB, C#, VB.NET, JAVA · Database : Microsoft Access (Sample)
- Encryption : 256 bit AES
- Operating System : Windows 8 / 7 / Vista / XP, Linux



FEATURES

- Fingerprint algorithm library for Android
- Sample application program with source code (Java library with JNI)
- BioMini Slim Scanner

SYSTEM REQUIREMENTS

- Android Version : Android 4.1 (Jelly Bean / API Level 17) or above
- H/W Requirement : Quad-Core 1.7GHz, RAM 2GB
- Supported platform : ARMeabi / ARMeabi-V7a / x86
- Supported programming language : Java (Java library with JNI)
 Supported scanner : BioMini Slim, BioMini, SFU-S20, SFU-300

SPECIFICATIONS

- Version : SDK for Android
- · Template Size : 1024 Bytes (Configurable)
- Enrollment Time : > 0.3 sec
- Verification Time : > 0.1 sec Matcher: 1:1
- · Supported Platform : Android Version 4.1 / Jelly Bean/API Level 17 or above

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