BM-Slim2

Ultra-slim FAP20 Authentication Scanner Module

BM-Slim2 is FAP20 certified fingerprint scanner featuring an array of cutting-edge technologies. Along with its 13.5mm slim optical sensor, BM-Slim2 features Xperix's proprietary Multi-dynamic Range(MDR) technology, FBI PIV/Mobile ID FAP20 compliance and Android device support. BM-Slim2 also provides developers more physical flexibility with its reduced form factor and the ultra-slim optical sensor ensures robust operation over time. BM-Slim2 provides advanced artificial Intelligence-based Live Finger Detection technology which is compliant with ISO 30107-3 PAD Level 1 & 2 Standard. Applying LFD technology, BM-Slim2 distinguishes fake fingerprints made from various materials including clay, rubber, silicon, glue, paper, film, and more.

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FEATURES

· World's thinnest 13.5 mm FAP20 certified
  optical fingerprint scanner

FBI
· FBI PIV and FBI Mobile ID FAP20 certificates
· Image compression standard: WSQ

Multi Dynamic Range
· Capturing high-quality fingerprint images even when
  the finger is dry & wet.
· Operates under direct sunlight up to 100,000 LUX

· Live Fingerprint Detection (LFD) Technology
   - ISO 30107-3 Compliant (PAD Level 1 & 2)
    - Distinguishes fake fingerprints made from various
      materials including clay, rubber, silicon, glue, paper,
      film and more

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

· No need to type in a password
· Instant login by touching your finger

SPECIFICATIONS

Sensor		
	Image Quality Standards	FBI PIV / FBI Mobile ID FAP20
	Live Finger Detection	O
	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
	Image Size (W x H pixels)	300 x 400
H/W	Interface	USB 2.0 Hight Speed
	Operating Temperature(℃)	-10 ~ 50℃
	Operating humidity	0 ~ 90% RH
	Dimensions (W x L x Hmm)	59 x 32 x 13.5 mm
S/W	Windows	Windows XP, Vista, 7, 8, 8.1, 10 32/64bit
	Linux	Ubuntu, Debian, Fedora, OpenSUSE, Cent OS 32/64bit
	Android Android 5.0 or later	O
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Template Type	Xperix, ISO19794-2, ANSI-378
Certification	CE	O
	FCC	O
	KC	O
	UL / CB	O
	IEC62471	O
	WEEE	O
	WHQL	O

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