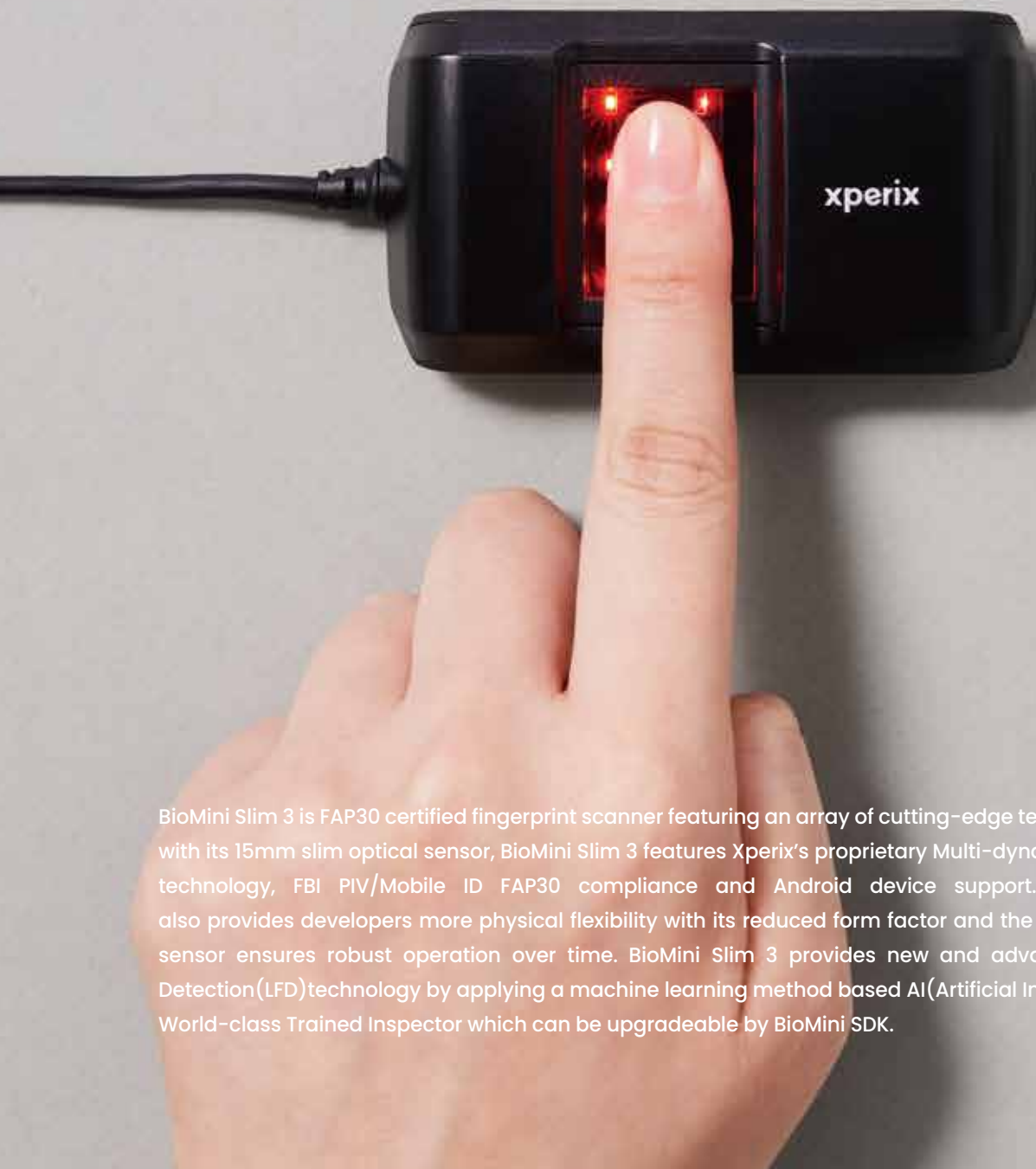


xperix

BioMini Slim 3

Ultra-slim FAP30 Authentication Scanner



BioMini Slim 3 is FAP30 certified fingerprint scanner featuring an array of cutting-edge technologies. Along with its 15mm slim optical sensor, BioMini Slim 3 features Xperix's proprietary Multi-dynamic Range(MDR) technology, FBI PIV/Mobile ID FAP30 compliance and Android device support. BioMini Slim 3 also provides developers more physical flexibility with its reduced form factor and the ultra-slim optical sensor ensures robust operation over time. BioMini Slim 3 provides new and advanced Live Finger Detection(LFD)technology by applying a machine learning method based AI(Artificial Intelligence) as an World-class Trained Inspector which can be upgradeable by BioMini SDK.



BioMini Slim 3

Ultra-slim FAP30 Authentication Scanner

FEATURES



- World's thinnest FAP30 optical fingerprint scanner



- FBI PIV and FBI Mobile ID FAP30 certificate
- Image compression standard: WSQ



- 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
- 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

SPECIFICATIONS

Sensor	Image Quality Standards	FBI PIV / FBI Mobile ID FAP30 compliant
	Live Finger Detection	O
	Sensor Type	Optical
	Resolution	500 ppi
	Gray Scale	8-bit, 256 levels
	Platen Size (W x L)	21.5 mm x 26.5 mm
	Sensing Area (W x H)	20.3 mm x 25.4 mm
H/W	Image Size (W x H)	400 x 500 pixels
	Interface	USB 2.0 High Speed
	Operating Temperature	From -10°C to 55°C
	Operating humidity	0% - 90%, non-condensing
	Ingress Protection	IP65 (Sealed between bezel and sensor surface)
	Dimensions (W x L x H)	83 mm x 45.9 mm x 20 mm BM-Slim3: 67.5 mm x 36 mm x 15 mm (OEM)
	Weight	111g
S/W	Windows	Windows 10 or higher 32/64bit
	Linux	Ubuntu, Debian, Fedora, OpenSUSE, CentOS 32/64bit
	Android	Android 5.0 or higher (USB Host)
	Image Format	RAW, BMP, WSQ, ISO 19794-4
	Template Type	Xperix, ISO19794-2, ANSI-378
Certification	LFD	O
	CE	O
	FCC	O
	KC	O
	RoHS	O
	CB	O
	IEC62471	O
	WEEE	O
	REACH	O
	WHQL	O
	FBI	O
	BIS	O
	USB-IF	O



Xperix Inc.

#1207, 37, Sagimakgol-ro 62beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, 13211, Republic of Korea

Inquiry: sales_id@xperix.com | www.xperix.com

©2026 Xperix Inc. Xperix and identifying product names and numbers herein are registered trade marks of Xperix Inc. All non-Xperix brands and product names are trademarks or registered trademarks of their respective companies. Product appearance, build status and/or specifications are subject to change without notice.
[XPX_BMS3_PB_REV03_EN_260814]