

SM-861

FBI FAP60 4-4-2 Fingerprint Scanner



Key Features



Certificates

- FBI IAFIS Appendix F Certification;
- Biometric standard: ISO 19794, ANSI 381, ANSI-378, WSQ, JPEG2000, MINEX III compliance



Ultra Slim and Lightweight

- Lightweight and along with a 20.0mm slim design



Easy Integration

- Optimised for easy integration into mobile and desktop devices
- Plug&play USB-powered device



Advanced Algorithm

- Template options: MIAXIS, ISO 19794-2 & ANSI 378
- MIAXIS proprietary Justouch® fingerprint extractor & matcher passed NIST MINEX III compliance
- Value-added customised APIs for software integration



Dustproof and Waterproof

- IP65 dustproof and waterproof

Served worldwide for

N+
National ID
Programs

Miaxis fingerprint
readers

3M
deployed in banks

MIAXIS® Model SM-861 is an ultra-slim and lightweight FBI Appendix F-certified optical Fingerprint Scanner which applies with MIAXIS proprietary fingerprint algorithm. It's a compact & portable fingerprint enrollment device that easily integrates into mobile and desktop applications. User-friendly interface powered by USB 2.0 and supports Windows and Android operation systems. Ideal for large-scale biometric enrollment programs.

Scenarios



Voter Registration



Banking & ATM



Law Enforcement



National ID Program



Health Insurance Card



SIM Card



Desktop Enrollment Device



Mobile Enrollment Device



Payment / POS



Self-service Kiosks

Specification

Image Standard	FBI IAFIS Appendix F	Dimension(W×L×H)	122×102×15.9mm
Image Size(W×H)	1600×1500(4-finger); 800×750(roll)	FPS	≥2(4-finger);≥15(roll)
Image Area(W×L)	81.28×76.2mm(4-finger)	Image Resolution	500 dpi
Communication Interface	USB2.0(1A@5V)	Operating Temperature	-20°C~60°C
Operating Brightness	Up to 100,000 Lux	ESD Immunity	±8kV contact discharge; ±15kV air discharge
Ingress Protection	IP65(Sensor Surface)	Surface Hardness	9H
Image Format	FBI-WSQ, JPEG2000, RAW, BMP, ANSI 381, ISO 19794-4	Support OS	Windows 7 or higher; Android 4.1 or higher



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