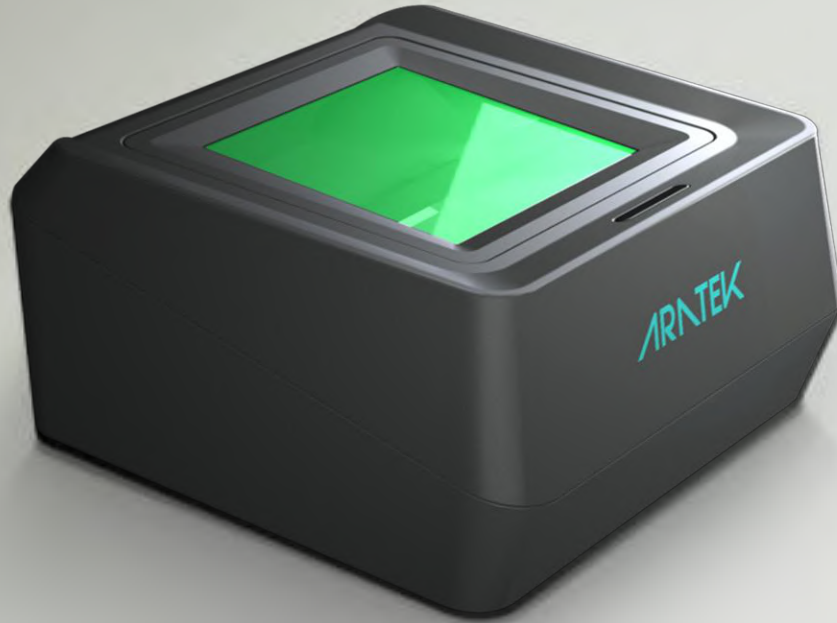


A800

The FBI Appendix F FAP 45 Dual Fingerprint Scanner



Compact. Tough. Reliable. The Aratek A800 is an FBI Appendix F FAP 45–certified dual fingerprint scanner for high-quality two-finger flat and single-finger flat/roll capture. Its proven optical sensing maintains consistent capture across dry, moist, rough, and other difficult finger conditions, while Live Finger Detection helps strengthen protection against spoof attempts. With IP65-rated protection and comprehensive software support, the A800 is well suited to AFIS and identity applications ranging from national ID and voter registration to border control, law enforcement, e-Passport & visa, and financial services.



FBI Appendix F FAP 45 Certified

FBI Appendix F FAP 45 certified for high-quality dual-finger flat and single-finger flat/roll capture.



International Biometric Standards

Supports ISO/IEC 19794-2/-4, ANSI INCITS 378/381, and WSQ for interoperable fingerprint data exchange.



IP65-Rated Protection

Helps protect against dust and water for reliable operation across varied environments.



NIST MINEX III Algorithm

Aratek's BIONE® fingerprint algorithm delivers strong extraction and matching performance.



Live Finger Detection (LFD)

Helps detect and reject fake fingers for more secure fingerprint recognition.



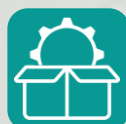
Reliable Capture for Difficult Fingers

Designed to capture fingerprints reliably from dry, wet, aged, dirty, and other challenging finger conditions.



AES-256 Encryption Option

Optional AES-256 encryption helps protect fingerprint data in transit.



Comprehensive SDK Support

A complete fingerprint SDK simplifies application development and biometric integration.

A800 FBI FAP 45 Dual Fingerprint Scanner

Physical Parameter

Dimension (W*L*H)	82.4*82.0*39.5 mm
Weight	210.0 g
Ingress Protection Rating	IP65

Performance Parameter

Sensor Type	Optical
Platen Size (W*L)	41.0*39.0 mm
Sensing Area (W*L)	40.64*38.10 mm
Image Size	800*750 pixels
Image Resolution	500 dpi
Gray Level	8 bits, 256 level

Communication Mode

Communication Interface	USB 2.0
-------------------------	---------

Operation Environment

Work Voltage	5.0 V
Work Current	≤200mA
Operating Temperature	-20°C~55°C
Operating Humidity	10~93% R.H
ESD	Contact: ±8KV, Air: ±15KV

Certification

FCC, CE, RoHS, FBI Appendix F FAP 45

Supported OS

Windows, Android, Linux



Applications

- National ID
- Voter Registration
- Law Enforcement
- Border Control
- Finance & Banking
- e-Passport & VISA

Aratek Biometrics Co., Ltd.

10F, No. 131, Songjiang Road, Zhongshan District, Taipei City 10491, Taiwan
Tel: +886 2-2501-0001
E-Mail: sales@aratek.co

ARTEK
www.aratek.co