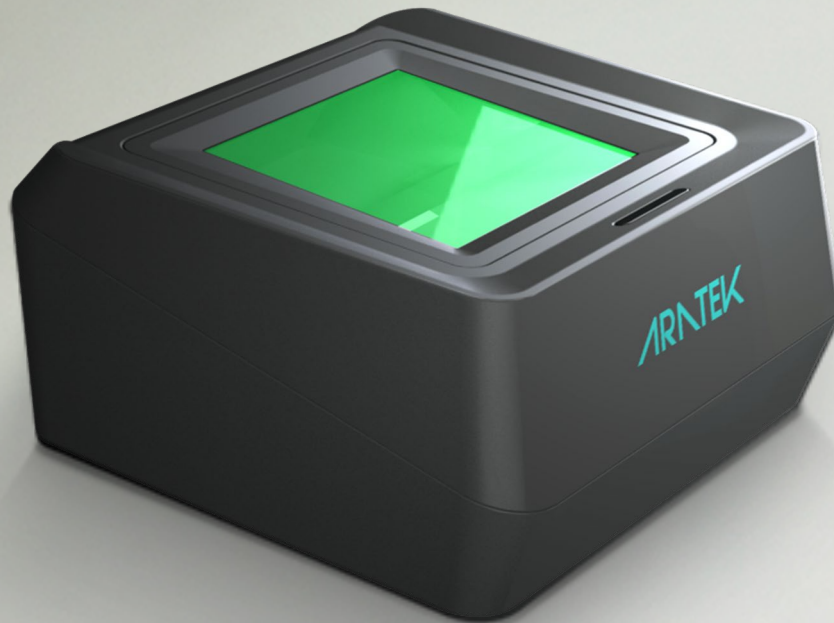


# A800

## The FBI Appendix F FAP45 Dual Fingerprint Scanner



Compact. Tough. Reliable. The ARATEK A800 is a durable FBI Appendix F certified FAP 45 dual fingerprint scanner that supports high quality two-finger flats and single-finger flat/roll fingerprints acquisition. With its advanced algorithm and liveness detection capabilities, the A800 FAP 45 fingerprint scanner can prevent spoofing by fake fingers. It works excellently with dry, moist or rough fingers, making it the perfect fingerprint device for AFIS system also for both small and large-scale applications like national ID, voter registration, border control, law enforcement, e-Passport & VISA, banking & finance, among others.

- **FBI Appendix F FAP 45 Certified**

FBI IAFIS IQS Appendix F, Mobile ID FAP 45 certified, ensuring the high image quality for the capturing of dual finger flats and single flat/roll fingerprints.

- **IP65 Rated Ingress Protection**

IP65-rated enclosure to protect from dust and water.

- **Live Finger Detection (LFD)**

Live Finger Detection technology to detect fake fingers.

- **International Standards Compliance**

ISO19794-2, ISO19794-4, ANSI 378, ANSI 381, JPG2000, and WSQ supported.

- **Advanced Fingerprint Algorithm**

NIST MINEX III compliance Aratek Bione® fingerprint algorithm delivers the highest extracting and matching performance

- **AES-256 Encryption**

256-bit AES encryption (AES-256) to ensure the security of your fingerprint data in transit.

- **Strong Adaption**

Excellent image quality for dry, moist and rough fingers.

- **Comprehensive SDK**

Comprehensive software development kit is available for easy development and integration.

# A800 FAP 45 Dual Fingerprint Scanner

## Physical Parameter

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

## Performance Parameter

Capture Mode	Optical Touch
Platen Size	41.0*39.0 mm
Sensing Area	40.64 mm*38.10 mm
Fingerprint Image Size	800*750 pixels
Image Resolution	500 dpi
Gray level	256 level

## Communication Mode

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

## Operation Environment

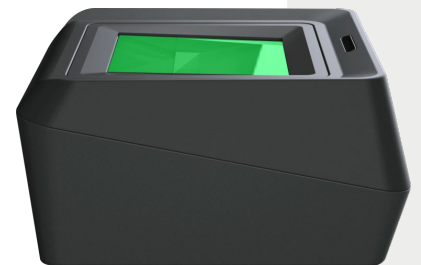
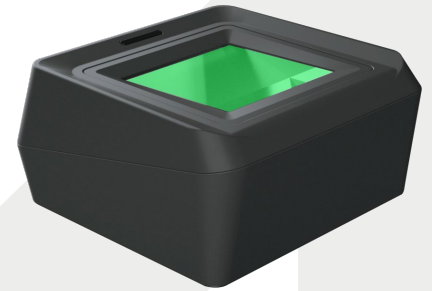
Work Voltage	5.0 V
Work Current	≤200mA
Temperature	Working: -20 °C ~ 55°C Storage: -40 °C ~ 70°C
Humidity	10 ~ 93% R.H
ESD	Contact: ± 8KV Air: ± 15KV

## Certification

CE, FCC, RoHS, FBI Appendix F (Mobile ID FAP 45)
--

## Supported OS

Windows / Android / Linux / Others
------------------------------------



## Applications

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

Aratek Biometric Technology Co., Ltd

© 10F, No. 131, Songjiang Road, Zhongshan District, Taipei City 10491, Taiwan

+886 2-2501-0001

✉ [sales@aratek.co](mailto:sales@aratek.co)

🌐 [www.aratek.co](http://www.aratek.co)