

A600 Fingerprint Scanner

- ✓ FBI Certified: PIV Specification, Mobile ID FAP 20
- ✓ STQC Certified: UIDAI Level-0 certification
- ✓ Live Finger Detection (LFD)
- ✓ AES-256 Encryption



The Aratek A600 fingerprint scanner is equipped with FBI FAP 20 and STQC certified optical sensor that guarantee you the high quality and usability. Its Live Finger Detection (LFD) and AES-256 Encryption features also allow secure and accurate fingerprint recognition, making it ideal for a wide number of applications across different industries such as national ID, law enforcement, border security, finance, and healthcare etc.

Features

- **FBI Certified**
PIV Specification, Mobile ID FAP 20
- **STQC Certified (Non-encrypted version)**
UIDAI Level-0 certification
- **International Standard**
ISO19794-2, ISO19794-4, ANSI 378, ANSI 381 and WSQ supported
- **Live Finger Detection (LFD)**
LFD rejects spoofing attempts by screening the liveness of the finger being captured
- **Advanced Algorithm**
NIST MINEX III compliance Bione® fingerprint algorithm delivers the highest extracting and matching performance
- **AES-256 Encryption (Option)**
256-bit AES encryption (AES-256) to ensure the security of your fingerprint data in transit
- **Correction and Authentication**
Support auto correction and 360 degree rotation authentication
- **Cloud Platform**
Seamlessly join in Aratek TrustLink™ biometrics authentication platform
- **Different OS Support**
Windows 2000, XP, Vista, Windows 7/ 8/ 10, Android and other embedded systems
- **Comprehensive SDK**
Comprehensive software development kit is available for development and integration
- **High Image Quality**
Optical fingerprint technology with superior image quality

Applications

- **PC/Network Security**
- **Hospitality**
- **Finance and Banking**
- **Telecommunication**
- **Healthcare**
- **Law Enforcement**

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Physical Parameter

Dimension (W*L*H)	61.5*98.9*35.7 mm
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Performance Parameter

Sensor Type	Optical
Platen Size (W*L)	16.0*21.0 mm
Sensing Area (W*L)	15.24*20.32 mm
Image Size	300*400 pixels
Image Resolution	500 dpi
Gray level	8 bits, 256 level
Fingerprint Image Distortion	≤1%

Communication Mode

Communication Interface	USB 1.1/ 2.0
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Operation Environment

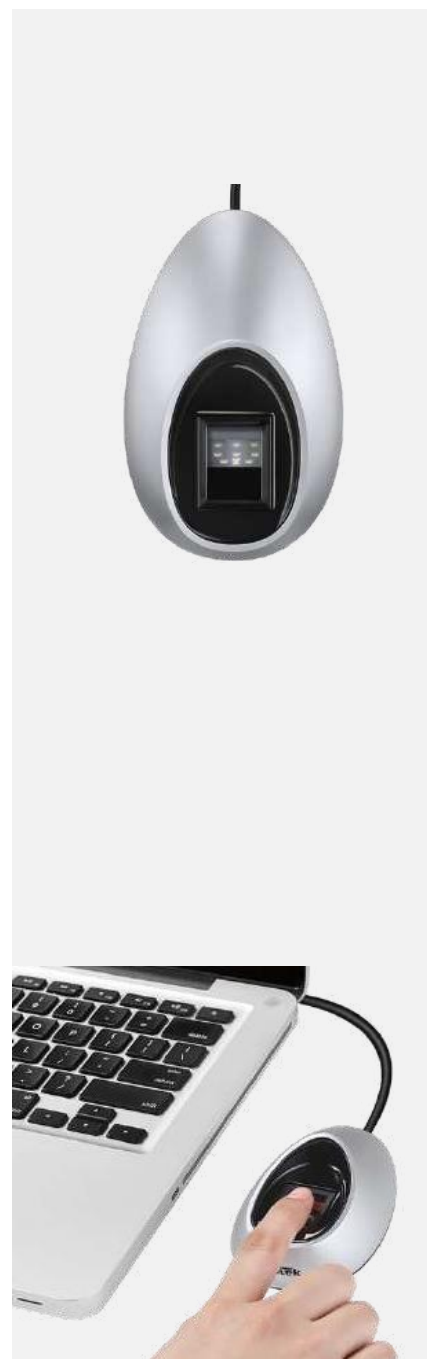
Work Voltage	5.0 V
Work Current	≤200 mA
Operating Temperature	0°C~55°C
Operating Humidity	10~93%R.H
ESD	Contact: ±8KV, Air: ±15KV

Certification

FCC, CE, RoHS, FBI-PIV FAP 20, STQC

Supported OS

Windows XP/ 7/ 8/ 10, Android, Linux



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