

# A700

## Fingerprint Scanner

- ✓ FBI Certified: PIV Specification, Mobile ID FAP 30
- ✓ Live Finger Detection (LFD)
- ✓ AES-256 Encryption



Secure and Rugged. Aratek A700 is certified by the FBI as Mobile ID FAP 30 compliant fingerprint scanner. The larger sensing area (20.32 x 25.4 mm) enables it to capture more biometric data from fingerprints. Aratek A700 fingerprint scanner also comes with Live Finger Detection (LFD) and AES-256 encryption, making it a perfect solution for applications that require an even higher standard of accuracy and security.

### Features

- **FBI Certified**  
FIPS 201/PIV 071006, FBI Mobile ID FAP 30
- **International Standards**  
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(Optional)**  
256-bit AES encryption (AES-256) to ensure the security of your fingerprint data in transit
- **Correction and Authentication**  
Supports auto correction and 360-rotation authentication
- **Cloud Platform**  
Seamlessly join in Aratek TrustLink™ biometrics authentication platform
- **Different OS Support**  
Windows 2000, XP, Vista, Windows 7/ 8/ 10, Android, Linux and other embedded systems
- **Comprehensive SDK**  
Comprehensive software development kit is available for development and integration
- **Strong Adaption**  
Good adaption for dry, moist and rough fingerprints

### Applications

- Finance and Banking
- Healthcare
- Law Enforcement
- Network Security
- Hospitality
- Telecommunication

# A700 Fingerprint Scanner

## Physical Parameter

Dimension (W*L*H)	56*100*39.5 mm
Weight	124.4g
Ingress Protection Rating	IP65

## Performance Parameter

Sensor Type	Optical
Platen Size (W*L)	21.0*27.0 mm
Sensing Area (W*L)	20.32*25.40 mm
Image Size	400*500 pixels
Image Resolution	500 dpi
Gray level	8 bits, 256 level

## Communication Mode

Communication Interface	USB 2.0
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## Operation Environment

Work Voltage	5.0 V
Work Current	≤150mA
Operating Temperature	-10°C~55°C
Operating Humidity	10~93% R.H
ESD	Contact: ± 8KV Air: ± 15KV

## Certification

FCC, CE, RoHS, FBI-PIV FAP 30
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## Supported OS

Windows, Android, Linux, Others
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