

# 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**  
Windows2000, 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 | 100*56*39.5mm(L*W*H) |
|-----------|----------------------|

## Performance Parameter

|                        |                   |
|------------------------|-------------------|
| Capture Mode           | Optical Touch     |
| Platen Size            | 21.0*27.0 mm      |
| Sensing Area           | 20.32*25.40 mm    |
| Fingerprint Image Size | 400*500 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 | ≤150mA                     |
| Temperature  | -10°C ~55°C                |
| Humidity     | 10~93% R.H                 |
| ESD          | Contact: ± 8KV Air: ± 15KV |

## Certification

|               |
|---------------|
| CE, FCC, RoHS |
|---------------|

## Supported OS

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



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