

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

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Physical Parameter

Dimension	100*56*39.5mm(L*W*H)
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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
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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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