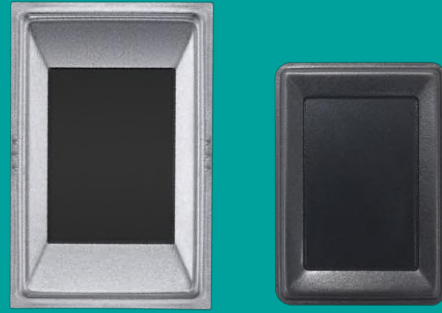


A400-M Fingerprint Module

FBI Certified: PIV Specification, Mobile ID FAP 10
STQC Certified



With proven fingerprint capture technology, the ARATEK A400-M Fingerprint Module is listed in FBI PIV, Mobile ID FAP 10 and STQC certified devices. Compliant with international standard including ISO and ANSI support, it is applicable for authentication in different industries such as finance, health care, hospitality etc.

Features

- **FBI Certified**
PIV Specification, Mobile ID FAP 10
- **STQC Certified**
- **International Standard**
ISO19794-2, ISO19794-4, ANSI 378, ANSI 381 and WSQ supported
- **High Image Quality**
Capacitive fingerprint technology with superior image quality
- **Strong Adaption**
Good adaption for dry, moist and rough fingerprints
- **Correction and Authentication**
Support auto correction and 360 degree rotation authentication
- **Cloud Platform**
Seamlessly join in Aratek TrustLink™ biometrics authentication platform
- **OS Support**
Windows 2000, XP, Vista, Windows 7/ 8/ 10, Android and other embedded systems
- **SDK**
Comprehensive software development kit is available for development and integration

Applications

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

A400-M Fingerprint Module

Physical Parameter

| | |
|-------------------|--|
| Dimension (W*L*H) | 23*35*3.5 mm 21.6*27.6*3.0 mm (black bezel) |
|-------------------|--|

Performance Parameter

| | |
|--------------------|-------------------|
| Sensor Type | Capacitive |
| Platen Size (W*L) | 14.5*19.7 mm |
| Sensing Area (W*L) | 12.80*18.0 mm |
| Image Size | 256*360 pixels |
| Image Resolution | 508 dpi |
| Gray level | 8 bits, 256 level |

Communication Mode

| | |
|-------------------------|---|
| Communication Interface | UART (TTL 115200bps default) USB 1.1/ 2.0 SPI |
|-------------------------|---|

Operation Environment

| | |
|-----------------------|-----------------------------|
| Work Voltage | 3.8~5V |
| Work Current | 50mA |
| Operating Temperature | 0°C~55°C |
| Operating Humidity | 10~93%R.H |
| ESD | Contact: ± 8KV, Air: ± 15KV |

Certification

FCC, CE, RoHS, FBI-PIV FAP 10, STQC

Supported OS

Windows, Android, Linux, Embedded systems



Aratek Biometrics Co., Ltd.

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

+886 2-2501-0001

sales@aratek.co

www.aratek.co