

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**
Windows2000, 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 (L*W*H)	35*23*3.5mm 27.6*21.6*3.0mm (black bezel)
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Performance Parameter

Capture Mode	Capacitive Touch
Platen Size	14.5*19.7 mm
Sensing Area	12.80*18.0 mm
Fingerprint Image Size	256*360 pixels
Image Resolution	508 dpi
Gray level	256 level

Communication Mode

Communication Interface	UART (TTL 115200bps default) USB 1.1 / 2.0 SPI
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Operation Environment

Work Voltage	3.8-5V
Work Current	50mA
Temperature	0°C~55°C
Humidity	20-90%R.H
ESD	Contact: ± 6KV Air: ± 8KV

Certification

FBI PIV specification, Mobile ID FAP10 / STQC

Supported OS

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



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