

A400-M

FBI FAP 10, STQC Certified & MOSIP-Compliant Fingerprint Module



Designed for easy integration into devices that require fingerprint recognition, the Aratek A400-M gives OEMs and system integrators a compact, certified fingerprint module with the reliability needed for everyday authentication. It brings together Live Finger Detection, international fingerprint standards support, flexible interfaces, and comprehensive SDKs—helping teams build secure, interoperable fingerprint solutions with fewer integration barriers. From POS terminals and access control terminals to biometric tablets, self-service kiosks, and more, the A400-M offers a practical foundation for adding trusted fingerprint recognition across a wide range of applications.



FBI, STQC & MOSIP Ready

FBI PIV and Mobile ID FAP 10, STQC certified, and MOSIP compliant for trusted biometric deployments.



International Biometric Standards

Supports ISO/IEC 19794-2/-4, ANSI INCITS 378/381, and WSQ for interoperable fingerprint data exchange.



Live Finger Detection (LFD)

Helps detect and reject fake fingers for more secure fingerprint recognition.



Reliable Capture for Difficult Fingers

Designed to capture fingerprints reliably from dry, wet, aged, or dirty fingers.



Flexible Interfaces

Supports UART, SPI, and USB interfaces to accommodate different device architectures.



Compact, Low-Power Design

Small, lightweight, and power-efficient for integration where space and power are limited.



Comprehensive SDK Support

A complete fingerprint SDK simplifies application development and biometric integration.



Multi-Platform Support

Supports Windows, Android, Linux, and embedded systems.

A400-M Fingerprint Module

Physical Parameter

Dimension (W*L*H)	23*35*3.5 mm 21.6*27.6*3.0 mm (black bezel)
Weight	5.5 g

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	3.3V~5V
Work Current	50 mA
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



Applications

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

Aratek Biometrics Co., Ltd.

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

Tel: +886 2-2501-0001

E-Mail: sales@aratek.co

AR TEK
www.aratek.co

©Copyright 2026, Aratek Biometrics Co., Ltd. Aratek logo is a registered trademark of Aratek or a related company. All other product and company names mentioned are used for identification purposes only and may be the trademark of their respective owners. All specifications are subject to change without notice. All rights reserved.