

BA5800

Fingerprint Smart Terminal

Finger Vein Live Identity Authentication Kiosk
Fingerprint + Finger Vein + Face + Access Control



Fingerprint Authentication

High readability for wet/ dry/ rough fingers, with verification speed within 1s, accuracy rate is up to 99.99%



Finger-vein Verification

Live finger vein feature capture and verification against oil or scar. Strong usability and superior security



Powerful Performance

5" large screen, quad-core 1.3GHz processor, 1G+8G memory



Cloud Verification

Work with Aratek TrustLink™ platform to process cloud verification



Wireless Communication

With Wi-Fi and Bluetooth, data transfer is as easy as 1-2-3



Customization

Customization is possible for specific demands and usage



Standard

International standards support for ISO19794-2, ISO19794-4, ANSI 378 ANSI 381 and WSQ, FBI PIV and STQC certification



Integration

All in one design can meet industrial standards for various usages

BA5800 Fingerprint Smart Terminal



Physical Parameter

Operating system	Android 4.4
Processor	Quad-core 1.3GHz
Memory	1G RAM + 8G ROM
Display	5 inch capacitive multi-touch
Resolution	480*854 pixel
Camera	5 MP (front) with barcode scanning
USB	USB2.0 (OTG) and Micro USB
Expansion card support	TF card, Up to 64G
Power	4000mAh
Weight	795g
Dimension	222*161.1*79.8mm (L*W*H)

Fingerprint

Fingerprint Capture	Capacitive Press	Optical Press
Platen Size	10.64mm*14mm	16mm*24mm
Sensing Area	256*360 pixel	320*480 pixel
Image Resolution	500 dpi	
Grayscale	8bit, 256 level	
Matching Mode	1:1/1:N	

Finger Vein

Feature Extraction Time	<0.5s
Matching Mode	1:1/1:N

Wireless Communication

WIFI	802.11 b/g/n
Bluetooth	4.0

Contactless card reader

RFID Optional	ISO14443A/B, Mifare pro/plus/desfire
---------------	--------------------------------------



Aratek Biometrics Technology Co., Ltd

2F, T2-A, Shenzhen software park, Shenzhen, China

Tel: +86 400-6030-161

Fax: +86 755-26719930

E-mail: sales@aratek.co

www.aratek.co