

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

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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
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