

BA8300

Facial Recognition Smart Terminal



Face



RFID



Fingerprint
(Option)



Barcode
(Option)



Secure. Convenient. Integrated. The Artek BA8300 is a compact and powerful IP65 rated facial recognition terminal with multi-factor authentication capability that allows facial ID authentication, fingerprint recognition, barcode scanning and RFID card reading at once. The BA8300 facial recognition terminal serves as the ultimate digital identity workhorse, delivering unparalleled results. It provides a versatile access control and time attendance solution that meets the demands of modern times.



Advanced Face Recognition Algorithm

The BA8300 has Artek's patented face recognition algorithm that the recognition rate is 99.72% in LFW face database



Liveness Detection

Support live detection to detect liveness and to ensure user presence



RFID Card Reader

The built-in RFID card reader provides the secure contactless authentication



Barcode Scanning (Option)

Support fast barcode scanning



Fingerprint Recognition Capability (Option)

The BA8300 is coupled with a durable fingerprint scanner



Dual HDR Camera

Allows high quality facial image capture in all lighting conditions, whether in a dark room or in the bright outdoors



Rugged and Durable

IP65 rating to protect from water and dust



Open Operating System

Android 8.1 operating system, customizable for various applications

Applications

- Access Control

- Time & Attendance

BA8300 Facial Recognition Smart Terminal

Physical Parameter

Operating System	Android 8.1
Processor	Quad-Core, 1.8GHz CPU
Memory (RAM+ROM)	2G+8G, 2G+16G or 4G+64G (Option)
Facial Template Storage	2G+8G, up to 50,000 templates (conditions applied)
Display	8" IPS touch screen
Resolution	800*1280
SD Card	Micro SD card, Maximum support to 128G
Weight	1.1kg (Wall-mounted), 1.5kg (Gate type)
Dimension (W*L*H)	138*258*23 mm

Facial Recognition

Camera	1080P Dual HDR Camera with fill light
Distance	0.3~2m
Accuracy	≥99.72%
Response Time	≤1s(10k); ≤3s(50k)
Mask Detection	Support
Liveness Detection	Support

Fingerprint Recognition (Option)

Sensor Type	Capacitive
Sensing Area (W*L)	9.6*9.6 mm
Image Size	192*192 pixel

Body Temperature Detection (Option)

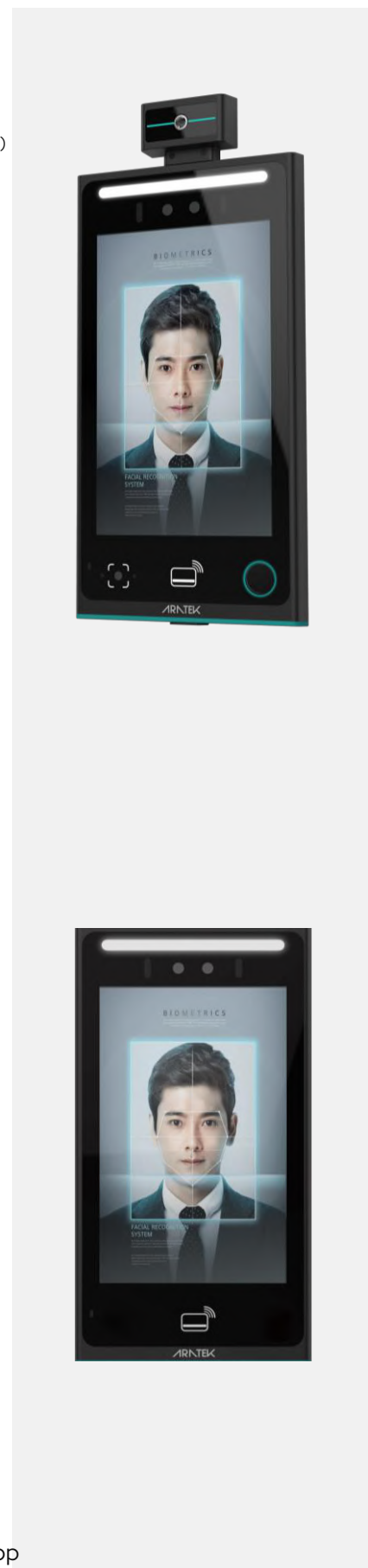
Accuracy	±0.3℃
Measuring Distance	30~80 cm

Credential Reading

RFID	ISO14443 A/B, MIFARE
Barcode Reader (Option)	1D, 2D, PDF417, QR code, Code39

Other

WiFi	802.11b/g/n
Bluetooth	Bluetooth 4.0
Interfaces	Relay, RJ45, TTL, WG, USB 2.0
Adaptor	12V/2A
Tamper Protection	Option
Operating Humidity	0%~95%
Operating Temperature	-10℃~50℃
IP Protection	IP65
Installation	Wall-mounted, Turnstile, Floor Stand or Desktop



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