

## BA8300

### Facial Recognition Smart Terminal



Face



RFID



Secure. Convenient. Integrated. The Aratek BA8300 is a compact and powerful IP65 rated facial recognition terminal with multi-factor authentication capability that allows facial ID authentication and RFID card reading at once, The BA8300 facial recognition terminal is the ultimate digital identity workhorse that delivers unparalleled results and provides a versatile access control & time attendance solution.



#### Advanced Face Recognition Algorithm

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



#### Dual HDR Camera

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



#### Liveness Detection

Support live detection to detect liveness and to ensure user presence.



#### Rugged and Durable

IP65 rating to protect from water and dust.



#### RFID Card Reader

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



#### 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 ARM 1.8GHz CPU
Memory (RAM+ROM)	2G + 8G / 4G + 64G (Option)
Display	8" IPS touch screen
Resolution	800*1280
Expansion Card	TF Card, Maximum support to 128G
Weight	1.1kg (Wall-mounted), 1.5kg (Gate type)
Dimension	138*23*258mm (L*W*H)

## Facial Recognition

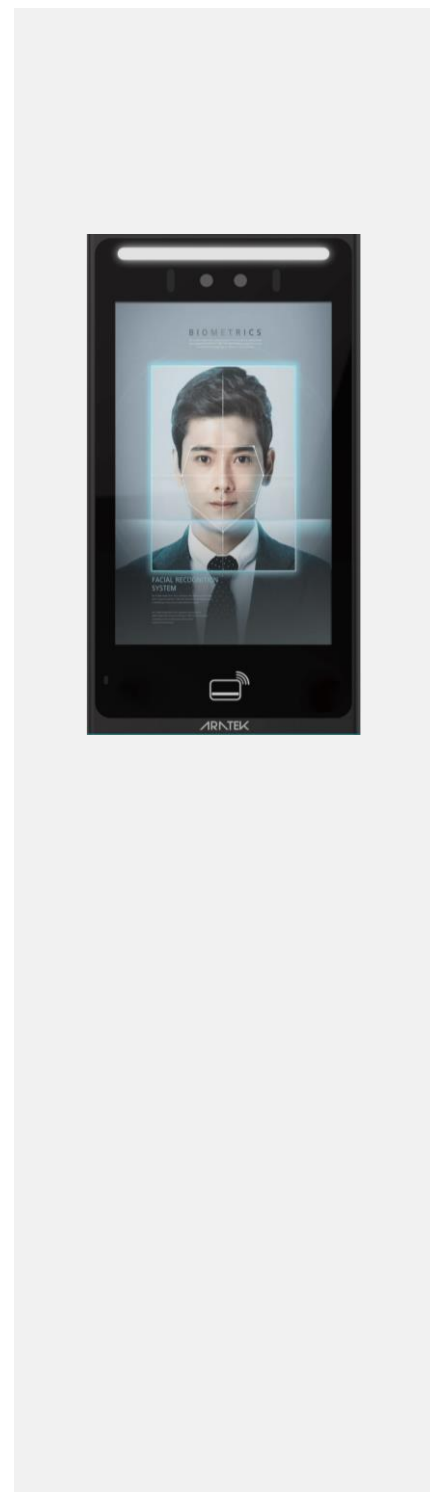
Camera	1080P Dual HDR Camera with fill light
Distance	0.3~2m
Accuracy	≥99.72%
Response Time	≤1s(10k); ≤3s(50k)
Liveness Detection	Support

## Credential Reading

RFID	ISO14443 A/B, MIFARE
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## Other

WiFi	802.11b/g/n (option to 802.11a/b/g/n )
Bluetooth	Bluetooth 4.0
Interfaces	Relay, RJ45, TTL, WG, Ethernet, USB 2.0
Adaptor	12V/2A
Tamper Protection	Option
Working Humidity	0%~95%
Working Temperature	-20°C~50°C
IP Protection	IP65
Installation	Gate type or Wall-mounted installation



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