

# BA5300

## 5" Compact Facial Recognition Terminal



**Small in Size, Big on Security.** The BA5300 is a compact 5-inch facial recognition terminal delivering high-performance access control in any environment. Its sleek, IP65-rated design and versatile installation options make it perfect for space-limited indoor and outdoor locations like door frames, elevator panels. Supporting multi-factor authentication and features like liveness detection, it ensures robust security at all times. Powered by Android 14 and a comprehensive SDK, it offers developer-friendly flexibility for tailored solutions. Whether optimizing entry systems in tight spaces or integrating advanced access control features into existing physical security workflows, the BA5300 stands out as the compact, versatile, and powerful solution you've been waiting for.



### Compact Design

Compact and stylish design ensures seamless installation with modern aesthetics.



### Advanced Facial Recognition

Delivers fast and accurate user authentication with  $\geq 99.72\%$  accuracy, supported by liveness detection for enhanced security.



### Fingerprint Recognition

Optional FBI PIV FAP 10 sensor ensures reliable and secure fingerprint authentication.



### Contactless Card Reading

Supports secure and convenient contactless card-based authentication for streamlined access control.



### Liveness Detection

Detects liveness to ensure user presence and prevent spoofing attempts.



### Android-Powered OS

Powered by Android 14 with a comprehensive SDK for seamless integration and customization.



### IP65 Protection

Engineered to withstand dust, moisture, and harsh weather for reliable indoor and outdoor performance.

# BA5300 Facial Recognition Smart Terminal

## Basic

|                          |                                                              |
|--------------------------|--------------------------------------------------------------|
| Operating System         | Android 14                                                   |
| Processor                | Quad-Core, 2.0GHz CPU                                        |
| Memory (RAM+ROM)         | 3G+32G, 4G+64G or 6G+128G (Option)                           |
| Display                  | 5.5" TFT, touch screen                                       |
| Resolution               | 720*1280 pixels                                              |
| SD Card                  | Support                                                      |
| Charger                  | Input: 100-240V, 50/60hz, Output: 12V/2A                     |
| Weight                   | 0.6kg                                                        |
| Dimension (W*L*H)        | 109*203*24 mm                                                |
| Temperature and Humidity | Operating: -10°C~50°C, 0%~95%<br>Storage: -20°C~65°C, 0%~95% |
| Ingress Protection       | IP65                                                         |
| Temperature Detection    | Option                                                       |

## Facial Recognition

|                    |                                   |
|--------------------|-----------------------------------|
| Camera             | 1080P Dual Camera with fill light |
| Distance           | 0.3~2m                            |
| Accuracy           | ≥99.72%                           |
| Response Time      | ≤1s                               |
| Mask Detection     | Support                           |
| Liveness Detection | Support                           |

## Fingerprint Recognition (Option)

|                    |                            |
|--------------------|----------------------------|
| Sensor Type        | Capacitive, FBI-PIV FAP 10 |
| Sensing Area (W*L) | 12.80*18.0 mm              |
| Image Size         | 256*360 pixels             |

## Credential Reading

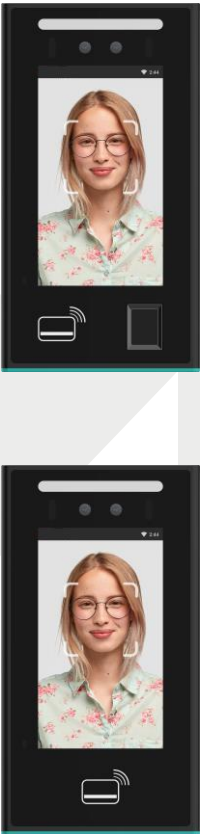
|                    |                 |
|--------------------|-----------------|
| Contactless Reader | Support         |
| Barcode Reader     | Software decode |

## Communications

|            |                               |
|------------|-------------------------------|
| 3G/4G      | Option                        |
| Wi-Fi      | 802.11 a/b/g/n/ac             |
| Bluetooth  | BT 5.0                        |
| Interfaces | Relay, RJ45, TTL, WG, USB 2.0 |

## Other

|                   |              |
|-------------------|--------------|
| Tamper Protection | Option       |
| Installation      | Wall-mounted |



## Applications

- Access Control
- Time and Attendance
- Visitor Management