

## A8 Access Terminal

A8 is a compact, dual- biometric access control terminal designed for fast, secure, and hygienic user authentication. With built-in facial and fingerprint recognition, it adapts to modern security environments demanding both convenience and assurance – whether in offices, schools, or public facilities.



# Biometric Access Terminal

## Smart, Flexible & Dual-Mode Biometric Access

Engineered for flexible access scenarios, the A8 supports touchless facial recognition for rapid entry and dual authentication (face + fingerprint) for enhanced identity verification. The built-in fingerprint sensor is the iMD Fabalis FAP30, based on MatriXcan technology, delivering high-contrast images even on dry or worn fingers. It is FAP30 certified and designed to perform reliably in indoor and outdoor lighting, with resistance to ambient light interference. The A8 also features an optional 1D/2D barcode reader, making it ideal for visitor check-in, ticketed access, and document validation workflows. Barcode scanning adds flexibility for environments such as event venues, retail entry, or logistics hubs where fast, contactless ID capture is required.

## Rugged, Connected & Ready for Deployment

With Android 13, a high-resolution 8" touch display, and robust aluminum housing (IP65-rated), the A8 is ready for seamless integration across various environments. Wall, pedestal, and desktop mounting options provide installation flexibility, while support for Ethernet, Wi-Fi, and optional 4G ensures connectivity in any location.

### Use Case Scenarios:

- Office access control and attendance
- School and campus security
- Visitor registration for public buildings
- Smart residential and gated community entry
- Hotel and event check-in
- Banking and financial service access (eKYC, branch security)
- Semi-outdoor service centers and terminals

# V5 Smart Terminal



## Specification

| Category                | Description  |
|-------------------------|--|
| Processor               | Quad-core 64-bit Cortex-A55, up to 2.0GHz  |
| RAM / Storage           | RAM: 4GB ROM: 64GB (up to 8GB / 256GB)   |
| Operating System        | Android 13   |
| Display                 | 8" IPS LCD Touch Screen, 800×1280 resolution, 170° wide viewing angle  |
| Wifi                    | 2.4GHz / 5GHz, 802.11 a/b/g/n/ac   |
| Bluetooth               | Bluetooth 5.0 + BLE  |
| Front Camera            | Dual 2MP (RGB + IR), IR & white fill light, live detection anti-spoofing   |
| Illumination Guidance   | RGB LED Indicators   |
| Ports                   | USB 2.0, RS485, Relay, Wiegand (26/34 bit), RJ45 Ethernet  |
| Fingerprint reader      | iMD Fabalis FAP30 – certified, MatriXcan technology; high contrast imaging, supports dry/worn fingers, immune to ambient light |
| Barcode reader          | 1D/2D supported (PDF417, QR, Data Matrix, Micro QR)  |
| NFC / RFID              | ISO14443 A/B, Mifare, ISO15693, ISO18092   |
| Operating Temp.         | 0°C ~ 45°C, Humidity: 10% ~ 75%  |
| Storage Temp.           | -20°C ~ 50°C, Humidity: 5% ~ 85%   |
| Power Supply            | DC 12V/2A  |
| Installation Options    | Wall mount, gate, pedestal, desktop  |
| Certifications          | CE, FCC, RoHS, IP65, FBI appendix F, MIL-STD-810H*   |
| Mobile Network          | [Optional] 4G TDD-LTE / FDD-LTE, GSM / WCDMA / TD-SCDMA  |
| Body Temperature Sensor | [Optional] ±0.5°C deviation, 50cm optimal distance   |