

## V5 Smart Terminal

V5 Smart Terminal is a compact, lightweight biometric device built for mobile identity registration and secure verification. Featuring multi-modal biometrics and wireless connectivity, the V5 enables professional ID workflows in a handheld format — wherever service delivery is required.



# Biometric handheld

## Portable, Secure & Multi-Biometric Device

The V5 Smart Terminal is purpose-built for identity workflows that require a balance of mobility, performance, and security. Equipped with fingerprint, optional Iris, NFC and smart card capabilities, it runs on Android and features a 5.45-inch HD touchscreen. Its removable 10,000mAh battery supports long operational sessions, making the V5 ideal for on-the go agents, fixed desks, or temporary registration points.

## Mobile Identity Workflows, Simplified

Designed to operate in fast-paced or space-constrained environments, the V5 enables field agents, service counters, or pop-up registration units to securely enroll and verify individuals in real time. Its intuitive Android interface, multi-modal biometric support, and offline capabilities make it ideal for both public and private sector identity workflows.

Use Case Scenarios:

- eKYC and financial onboarding
- SIM card registration and telecom services
- Voter and civil ID enrollment
- Healthcare and welfare service delivery
- Education and school verification
- Law enforcement and mobile patrols

Built to work online or offline, and easily customizable for specific operational needs, the V5 empowers identity programs to scale with speed, accuracy, and security.

# V5 Smart Terminal

## Specification

Category	Description
Processor	Octa Core 8x Cortex-A53, 2.2GHz
RAM / Storage	RAM: 4GB (Up to 8GB) ROM: 64GB (Up to 512GB)
Operating System	Android 14
Display	5.45" IPS HD LCD Touchscreen, 720×1280 pixels, Capacitive, 5-point multi-touch
Storage Expansion	Micro SD card (up to 256GB)
Wifi	2.4GHz / 5GHz, 802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.0 + BLE
Battery	Removable 10,000mAh Li-ion
Rear Camera	8MP / 13MP AF with Flash
Front Camera	5MP / 8MP FF
Illumination Guidance	RGB LED Indicators for Charging & Operation
GNSS	GPS / GLONASS / Galileo / BDS
Mobile Network	4G TDD-LTE / FDD-LTE (Dual SIM), GSM / WCDMA / TD-SCDMA
Ports	USB-C x1 (5V/0.5A) + USB2.0 OTG x1 + DC 12V/1.5A input
Security	USB port protection (authorized operator only), optional data encryption
Card Slot	SAM Card x2 (optional), Nano SIM x2, Optional eSIM
Biometrics	Fingerprint: Suprema BM-Slim2 (FAP20) / FABALIS (FAP30)
Barcode reader	1D/2D supported (PDF417, QR, Data Matrix, Micro QR, OCR ICAO-9303)
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%
Certifications	CE, FCC, RoHS, IP65, FBI appendix F, MIL-STD-810H*
Optional Features*	UV Light Sensor 365nm , 0.5W x2 Iris: Binocular, ISO/IEC 19794-6, FRR<0.1%, FAR<0.0001%, Distance 25-35 cm OCR-A / OCR-B / E13B (MICR) Smartcard Contact ISO7816 (Protocol T=1) Contact Smartcard Reader (ISO7816) RTC clock DS3231/DS3232, CR2032 backup (3 years)



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## Dimensions

