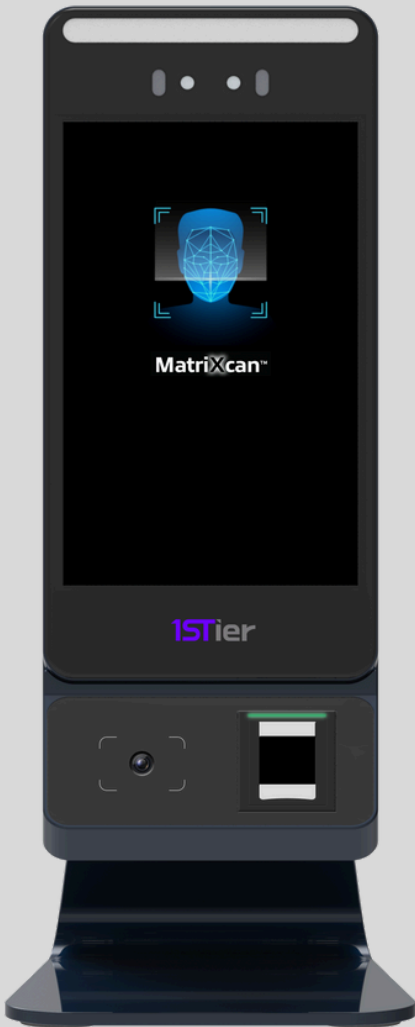


1ST- A5RK-FP04 Access Terminal

The 1STier A5 is a compact, AI-powered access control terminal designed for fast, secure, and efficient identity verification in space-conscious environments. Featuring both facial recognition and fingerprint authentication in a 5" touchscreen device, the A5 is ideal for streamlined deployments across office desks, security counters, and reception areas.



1STier

Multi-Modal Recognition Smart Terminal

Secure, Compact & Dual-Mode Biometric Access

Despite its size, the A5 delivers powerful dual-biometric performance. It supports touchless facial recognition for hygienic entry, and dual-factor authentication with its integrated iMD Indicus FAP20 fingerprint reader — offering FAP20 certification, MatriXcan technology, and high-contrast imaging even on dry or worn fingers. The reader performs reliably under varying light conditions, making it suitable for indoor and semi-outdoor use.

The A5 also includes built-in NFC/RFID capabilities for fast, contactless card-based verification — ideal for employee ID access or smart building systems. An 1D/2D barcode reader extends its versatility for visitor check-ins, ticket validation, or asset tracking workflows.

Built for Efficiency in High-Traffic, Space-Constrained Locations

Running Android 14 and featuring multiple installation options, the A5 is ideal for compact environments that require reliable security. Its aluminum enclosure, IP65 rating, and built-in Wi-Fi, Ethernet, and optional 4G connectivity make it a great fit for indoor or outdoor locations where space is at a premium but performance can't be compromised.

Use Case Scenarios:

- Corporate front desk and staff entry points
- Visitor terminals at security counters
- Healthcare and clinic access stations
- Hotel front desks and event booths
- Smart residential lobbies and compact gates
- Banking kiosks and teller verification stations
- Outdoor utility and service counters

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Specification

Category	Description
Processor	Quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz
RAM / Storage	RK3588S, RAM: 8 GB ROM: 128 GB
Operating System	Android 14, with GMS
Display	5" capativite Touch Screen, 1080×1920 resolution
Wifi	2.4GHz
Bluetooth	Bluetooth 4 . 2
Front Camera	MIPI Dual: RGB 5MP 30FPS + IR 2MP 30FPS
Illumination Guidance	RGB LED Indicators
Ports	USB Host, USB OTG, RJ45 Ethernet (POE), DC jack, Power Button
Fingerprint reader	iMD Indicus FAP20 – 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, etc)
NFC / RFID	TYPEA(IC) and EM(ID) cards, ISO14443 A/B, 125KHz
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, desktop
Certifications	CE, FCC, RoHS, IP65, FBI appendix F, MIL-STD-810H*



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.