

## RK01

### NIN Government Identity Enrollment Registration kits

HF-RK01 biometric registration kit is a collection of full-featured biometric scanner terminals designed for Nigerian government projects to register and identify citizens (NIN Registration kits).



The RK01 biometric registration kit is designed to meet the requirements of multi-modal biometric data capture.

Features include:

#### 1. Fingerprint tablet:

Parameters:

- Mobile Biometric Identity Verification + Mobile Enrollment
- IP65 Rugged Handheld Device with Lightweight Feel
- Waterproof, Dustproof, Shockproof, Drop-Resistant
- WiFi, GSM Cellular Services, and Bluetooth Connectivity
- Multi-Modal Biometrics: Fingerprints, Iris, Faceprint, Signature
- Multi-Factor Authentication with 1:1 Biometric Matching

- MRZ, Barcode, and QR code reading capability with dedicated reader, Barcode, and QR code reading capability with dedicated reader
- FBI certified fingerprint algorithm, FAP45, FAP60, FAP 45
- 10 inch large screen (can option 7 inch, 5 inch, 8 inch)

## 2. Fingerprint scanner

RK01's kit includes a fingerprint scanner that can capture images of all ten fingers. Remove those fingers or limbs that do not exist due to accidents, and personal information is lost. The quality of the fingerprint image was verified on-site to ensure that the fingerprint meets the minimum quality requirements for deduplication. RK01's solution forced applicants to reacquire their fingerprints when they did not meet the minimum fingerprint image standard.

Optional:

FAP60,

FAP45,

FAP30,

FAP20,

Ten Fingerprint scanner



## 3. Camera

Sony & Logitech

## 4. Iris scanner

The camera component can contain hardware components to scan the iris images of both eyes

Electronic signature board: The electronic signature board and stylus allow applicants to sign their own names and digitally record their signatures.



## 5. Printer

Used to print and verify identity registration information

## 6. power supply

The equipment includes an advanced power supply system that can be used continuously for at least 8 hours. The kit includes solar panels, adapters and extension cables.



## 7. Laptop

The laptop comes with the necessary database software, data encryption and central server connection services to capture and protect biometric and biographical data.

## 8. MRZ scanner

Can identify and authenticate customers' identity information



## 9. NFC Card Reader

Comply with ISO14443 Type A/B operating frequency 13.56MHz

## 10. IC Card Reader

Support ISO7816, provide electronic passport and electronic ID document reading and ID card reading function.

## Specification

Hardware	
OS	Android 9.0
CPU Processor	Quadcore 64 bit 2.2 GHz
ROM	2GB (optical maximum attainable 4GB)
RAM	16GB (optical maximum attainable 32GB)
TF	32GB (optical maximum attainable 256GB)
Battery	Lithium Polyment Rechargeable Battery 10,000mAh
Rugged	IP65, Water-proof, Dust-proof, Drop-proof
SIM Slots	2, 4G
Camera	Front:5.0M, Rear8.0M (optional Rear/Front 13.0M)
Printer (optional)	Built-in Thermal Printer
Audio	Digital Audio Speaker
Display	8 inch, IPS 800*1280, Touch Screen
GNSS	GPS, A-GPS, GLONASS GPRS Auxilliary
Net Weight	1.5 KG
Dimension	240 (L) * 260(W) * 54(H)mm
Cerification	FBI/CE
Warranty/Support level	1 years
Fingerprint Scanner	
Sensor	Capacitance Fingerprint Sensor IB FAP50 Cerified (optical FAP30,FAP45,FAP60)
Image DPI	500DPI
Image Size	1600 (W) * 1000 (H) pixels
Image Standard	PIV 071006, FIPS 201, FAP50, Mobile ID Requirements
Image Form	RAW, JPEG2000, BMP, PNG, WSQ
Communications	
Support	2G/3G/4G (GSM/WCDMA), WIFI, Bluetooth(BT) * 802.11 B/G/N/AC
Peripheral Ports	1 USB 2.0, 1Micro USB, OTG
Additional optional features	Optional printer
	Optional iris
	Optional passport scanning