



# Ruggbo 50 Lite

LIGHTWEIGHT BIOMETRIC HANDHELD



Ruggbo Range

## Product Description

BioRugged Ruggbo 50, is a new generation Android 11 biometric enrollment and verification handheld terminal tailored for robust applications. Boasting a 5" screen, LTE connectivity, 13MP camera, 4GB/64GB storage, with a 10,000 mAh battery and a powerful multi-core processor, this device is a game-changer in enrollment processing and identity verification on the move.

Equipped with a state-of-the-art IB Five-0 Fingerprint, the Ruggbo 50 exemplifies reliability and speed, making it ideal for various enrollment and law enforcement applications, voting and civil biometric enrollment and verification, check point identification and border control.

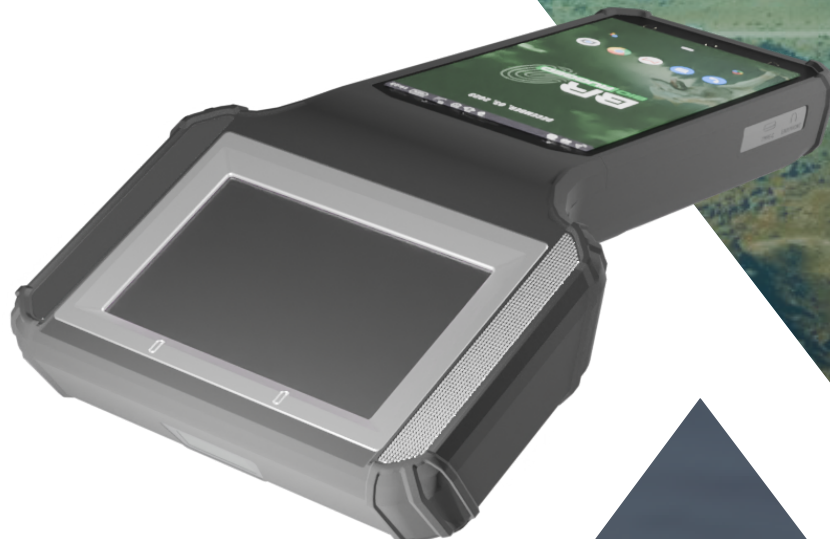
With its cutting-edge features, Ruggbo 50 establishes a new benchmark for handheld biometric devices. The Ruggbo 50 delivers reliable performance in diverse scenarios.

For specific use cases, the Ruggbo 50 offers optional features such as a contactless card reader, SIM/SAM slot, and/or a smart card reader (ISO7816). Its rugged design, featuring a specially crafted rubber cover, enhances durability, making it an indispensable tool for those operating in hostile environments.



## Highlights

- Android 11 GMS
- IB Fingerprint Five-O
- Dual Iris
- NFC reader (optional)
- Smart card reader (optional)





**Smart Card Reader**



**NFC**



**Android**



**CONNECTIVITY  
(3G WIFI BLUETOOTH)**



**GPS**



**Camera**



**Fingerprint**

## General



OS  
**Android 11 GMS or higher**

Processor  
**Multi-core 2.0GHz**

Internal Memory  
**4GB/64GB**

Display  
**5.0" 1280\*720 IPS**

Battery  
**10000mAh**

1D/2D Barcode /Scanner  
**NewLand (NLS-N1) - Optional**

Iris scanner  
- CMOS image sensor, near IR-LEDs  
- Capture distance 150-250mm,  
focal depth 60mm  
- ISO19794-6

Screen protector

## Operative



Camera  
**5 MP front  
13 MP back with LED flash**

Fingerprint  
**IB Fingerprint Five-O**

Contactless Card Reader  
**ISO14443 Type A/B Mifare,  
ISO18092 compliant**

Smart Card Reader  
**ISO 7816 (Optional)**

Touch screen  
**G+F+F**

USB  
**USB C + USB A**

## Communications



Communications  
**WCDMA/GPRS/WiFi/Bluetooth  
LTE (Optional)**

GPS  
**GPS/A-GPS**

WiFi  
**802.11b/g/n/ac**

Extension Storage  
**TF(micro SD) card up to 128GB**

PSAM  
**(Optional)**

Bluetooth  
**BT4.1 with BLE**

**Device SDKs are included**



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