



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-O 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.

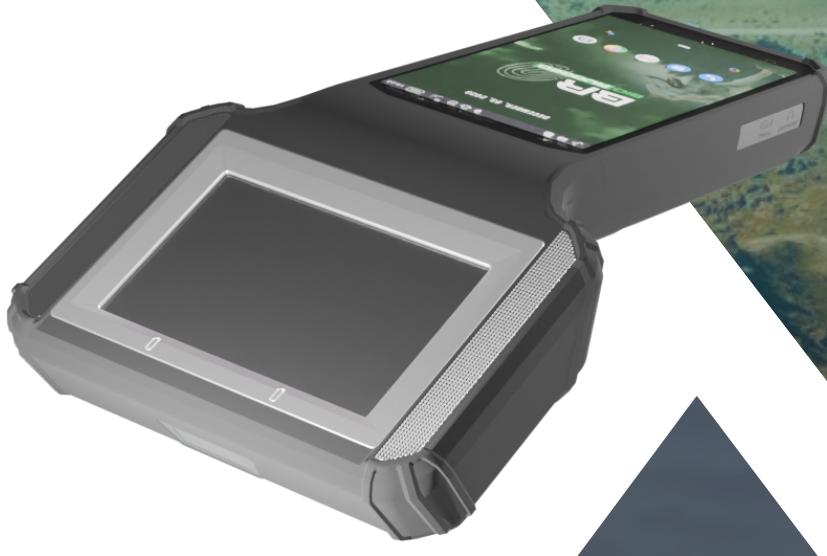
With its cutting-edge features, Ruggbo 50 establishes a new benchmark for handheld biometric devices. The Ruggbo 50 delivers reliable performance in diverse scenarios.

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

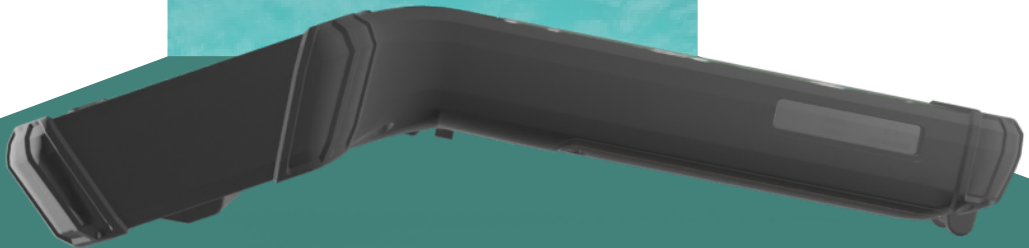
WiFi
802.11b/g/n/ac

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

PSAM
(Optional)

Bluetooth
BT4.1 with BLE

Device SDKs are included



About Us

BioRugged(TM) specializes in biometric systems with a strong focus on durability, ease of use and mobile devices. Our devices are rugged and affordable for both rural and urban deployment. Our solutions range from handheld systems to custom-built, mobile enrollment kits.

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