



Ruggbo 31 Lite

LIGHTWEIGHT BIOMETRIC HANDHELD

Ruggbo Range

Product Description

BioRugged Ruggbo 31 Lite combines the power of a 1x1" (FAP30) fingerprint with Android 11(GMS), 5" screen, LTE, 8MP Camera, 3GB/32GB Storage, 2.0Ghz multi core Processor with a great cost / benefit balance. The Ruggbo 31 Lite is building on the success of BioRugged's Ruggbo Line and can be used to capture fingerprints for a national AFIS / ABIS.

The Ruggbo 31 Lite has been designed for eKYC enrollment, voting and civil biometric verification, visitor registration, law enforcement, check point identification and banking.

Depending on the use case, it may be optionally equipped with a contactless card reader (ISO14443 type A/B, ISO18092), SIM/SAM slot, and/or a smart card reader (ISO7816). The device has a specially designed rubber cover to enhance its ruggedness for use in harsh and hostile working conditions.

Highlights

- Android 11 (GMS)
- Suprema FAP30 (FBI cert.)
- NFC reader (optional)
- Smart card reader (optional)
- Extended battery life with solar charging (optional)



Smart Card Reader



NFC



Android



CONNECTIVITY
(3G/4G WIFI BLUETOOTH)



GPS



Camera



Fingerprint

General

- OS
Android 11 GMS
- Processor
MT6761 Quad core 2.0Ghz
- Internal Memory
3GB/32GB Storage (4+64GB optional)
- Display
5.0" 1280*720 IPS
- Battery
5000mAh (Optional 10000mAh)
- Dimensions
195(L) x 84(W) x 31(H) mm
- 1D/2D Barcode /Scanner
NewLand (NLS-N1) - Optional

Operative

- Camera
**5 MP front
8 MP (optional 13 MP) back
with LED flash**
- Fingerprint
**Suprema Biomini Slim 3 FAP30
FBI certified**
- Contactless Card Reader
**ISO14443 Type A/B Mifare,
ISO18092 compliant**
- Smart Card Reader
ISO 7816 (Optional)
- Touch screen
G+F+F
- USB
Type C

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



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.

www.biorugged.com



+27 87 0735820

www.biorugged.com

info@biorugged.com