Ruggbo 30 RS

RUGGED MOBILE BIOMETRICS

Ruggbo Range

Product Description

The BioRugged Ruggbo 30RS is the next chapter in affordable rugged IP65 mobile biometrics. Modern technology designed to survive in the real world.
Key features on the Ruggbo 30RS include an a Suprema BMS3 FBI certified FAP30 fingerpritn reader, 5.5inch Sun readable screen, 10.000mAh removable battery, 3+32GbGB Ram, 13MP dual Flash ICAO compliant camera, hand strap, and stylus.

With a fully secure Android with integrated SAM/SIM the Ruggbo 30RS creates unlimited possibilities for registration and verification purposes. Options include a chip card reader, MIFARE NFC/RFID, and a Honeywell 2D barcode / MRZ reader, allowing it to be used in law enforcement, election enrollment/ voter verification and many other areas.

The BioRugged Ruggbo 30RS is a leap forward in what is possible to be carried in one hand.

Highlights

- Qualcomm ARM Octa-core CPU
- 5,5” IPS Full-HD multi-touch display
- 5 MP front camera
- 13 MP Auto Focus rear camera
- Communication GSM/GPRS/EDGE/3G/4GLTE/Bluetooth
- Build in Speaker
- Suprema BioMini Slim - FBI/PIV/FAP30

Fingerprint

NFC

Android

CONNECTIVITY
(4G WIFI BLUETOOTH)

GPS

Camera

Rugged

Barcodescanner

General

OS
Android 7.1/9

GPU
Qualcomm Adreno 405

Internal Memory
3 GB RAM & 32G ROM
(4GB / 64GB Option)

Display
5.5" FHD IPS Multi-Touch
Sunlight readable

Dimensions
218.0 x 92.0 x 40.0 mm
8.58 x 3.62 x 1.57 inch)

Certificate
CE, FCC, RoHS/REACh

Battery
3.7V/10,000 MAh, Removable
• Talk time: Up to 24 hours
• Stand-by: Up to 120 hours

SAR
0.41 W/kg (head) 0.62 W/kg (body)

Drop Tests
Withstands multiple drops from a height of 1.5m [Improved resistance to drop]

Operative

Back Camera
13 MP with autofocus
Dual LED flash system for enhanced brightness and avoid hot spot reflection

Front Camera
5 MP Fixed Focus

Smart Card Reader
ISO/IEC 7816

2D barcode reader
HONEYWELL 1/2D + MRZ reader

RFID Reader
NFC, MiFare (ISO/IEC 1443 A/B, ISO15694)optional HID iClass(R) Seos(R) (optional)

Hard Pointed Stylus (Optional)
Smooth, precise signature capture

Weight
About 500g (17.64 oz) with battery

Accessories
Battery charger with USB data/charge cable

Fingerprint scanner
Suprema BioMini Slim 3 - FBI/PIV/FAP30, 500DPI

Communications

Sim Card
Dual SIM or SIM/PSAM

Communication
4G-LTE, 3G, 2G, WCDMA, UMTS,HSDPA

GPS
AGPS & GPS

Bluetooth
4.1 (Low Energy)

WiFi
802.11 a/b/g/n/ac

Micro SD Slot
Up to 128 GB (micro SDXC)

Cradle (Optional)
Simultaneous charging of device and up to 2 batteries (not included)
RJ 45 LAN port & 2 x USB

Ports
1 x Type-C USB

Temperature range
Operating: 0° to 65°C (32° to 149°F)
Storage: 10° to 70°C (14° to 158°F)

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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