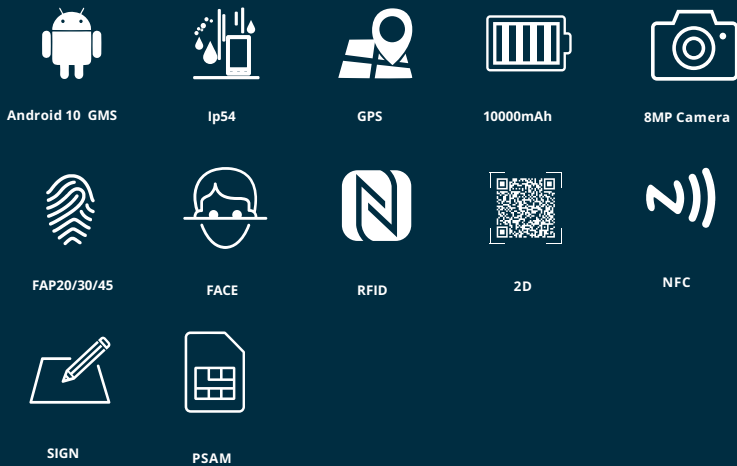


ID Force RB50 - STD



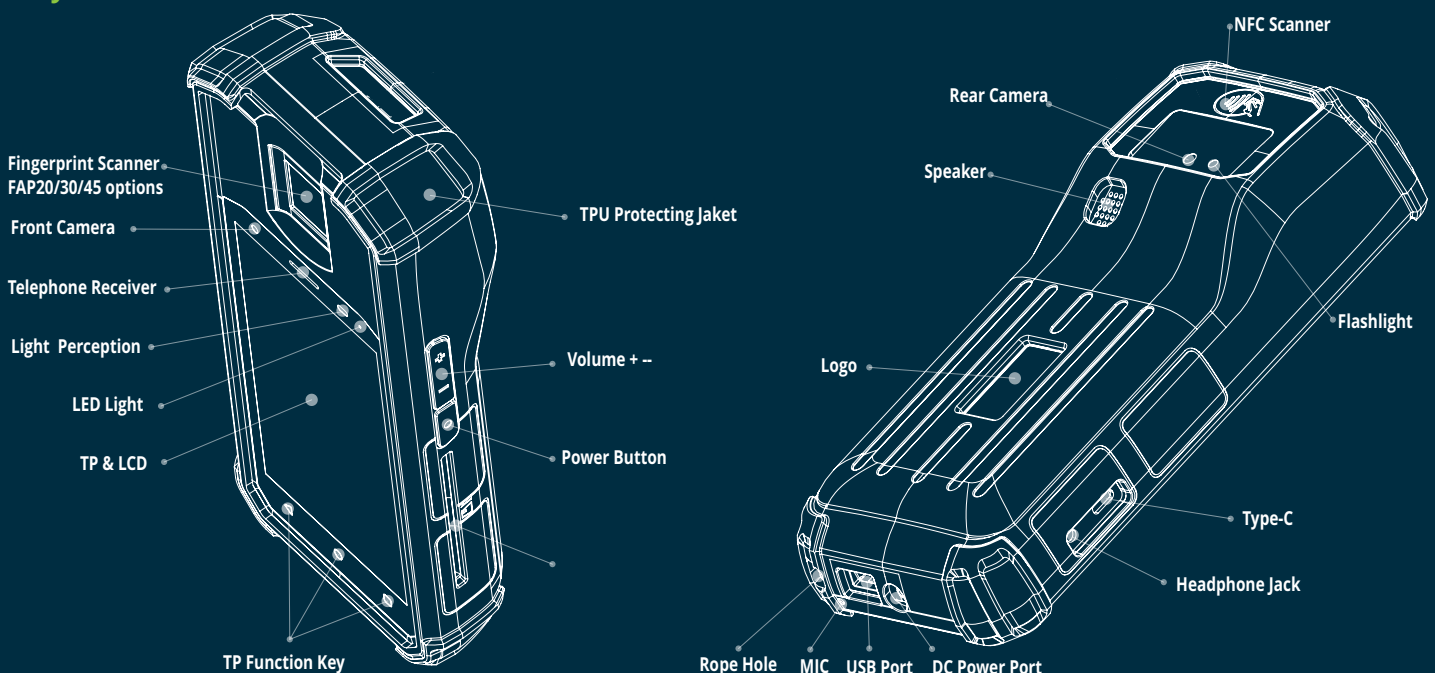
Biometric Rugged Handheld



Features

- Passed Android 10 GMS certification, which ensure various services and software will be able to use Google mobile services.
- Have the ability to complete rapid fingerprint capture with optical FAP20/FAP30/FAP45 (2 Fingers Flats & Rolls) fingerprint sensor.
- Rechargeable lithium-ion polymer 10000mAH@3.7v smart battery (37.0Wh).
 - Portable can remove the battery.
 - Battery should provide working time for all week.
- Rugged & durable design and drop tested at 1.22 meter with silicone protector. Operational in severe rugged and mobile environments.
- Support GPS and Glonass for more accurate positioning.
- Rear 8 million pixel camera makes it easy to collect images and video information.
- Built in NFC, FACE and other functional modules to meet the application needs of multiple industries.
- Option for **DUAL IRIS CAPTURE**.

Physical Characteristics



* All technical data, specification and performance figures subject to change without notice.

ID Force RB50 STD - Biometric Rugged Handheld

Specification Parameters

Basic Configuration

| | |
|---------------------|---|
| Dimension | 198 x 87 x 44mm |
| Weight | 650g |
| Device Color | Black |
| LCD | 5 inch IPS 16:10, 720 x 1280 |
| Touch Panel | 5 point G+FF capacitive touch screen |
| Camera | Front 5.0MP Rear 8.0MP (Optional Rear 13.0MP) |
| I/O | <ul style="list-style-type: none"> • USB 2.0, Type- A x 1 • USB Type-C (support OTG) x 1 • SIM Card x 2, TF Card x 1 • Φ3.5mm DC jack x 1 • Φ3.5mm DC std. earphone jack x 1 • IC Card Reader x 1 • Optional PSAM Card x 2 |
| Power | <ul style="list-style-type: none"> • AC100V ~ 240V, 50Hz/60Hz • Output DC 12V/1.5A |

Data Collection

| | |
|--------------------------------|--|
| NFC | Built -in |
| 1D/2D | Laser 1D & 2D Barcode Scanner (NLS-N1 - Optional) |
| Fingerprint | <ul style="list-style-type: none"> • Suprema BM-Slim2 or BM-Slim3 • Futronic FS81 • IB Columbo (FAP45 Optional) <p>Where applicable options are for FAP20/30 Fingerprint Sensors and are FBI, PIV/ FIPS201 certified</p> |
| Smart Card Reader | Supports ISO 7816 – Class A, B and C (Optional) |
| Contactless Card Reader | 13.56MHz NFC, ISO14443 Type A/B, Mifare, ISO18092 compliant (Optional) |
| PSAM CARD | YES (optional) |
| IRIS | YES (optional) |
| FACE | YES (optional) |

| | |
|----------------------|---|
| Platform | MTK6761 (Quad-Core ARM Cortex-A53 2.0GHz) |
| OS | Android 10 with Google certificated (GMS) - Upgrade options are available |
| Memory | 2GB+16GB; 3GB+32GB (Optional) |
| Extend Memory | T-flash Card (256G extend) |
| FOTA | Yes (Firmware Over-The-Air) |

Battery

| | |
|------------------|--|
| Capacity | 3.7V/5000mAh (Optional 10000mAh) Built -in |
| Type | Polymer lithium ion battery |
| Endurance | 14hrs @ 50% volume sound and 50% brightness with 1080P HD video display by default |

Communication

| | |
|-----------------------|---|
| WiFi | WiFi 802.11 b/g/n/ac |
| Bluetooth | BT4.1 |
| 3G/4G Optional | CMCC 4M: LTE B1/B3/B5/B7/B8/B20/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 |
| GPS | Built-in Glonass, Beidou, GPS (Two out of three) |

Reliability

| | |
|------------------------------|------------------------------|
| Operating Temperature | -20 °C ~ 55 °C |
| Storage Temperature | -30 °C ~ 70 °C |
| Humidity | 95% Non-Condensing |
| Rugged Feature | IP54 certified, CE certified |
| Drop Height | 1.22m |

Application Range - Various modules and accessories can be selected to meet customers' requirements in various industries.



- National ID
- Law Enforcement
- Military
- e-Passport
- Elections
- e-KYC
- Public & Enterprise



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