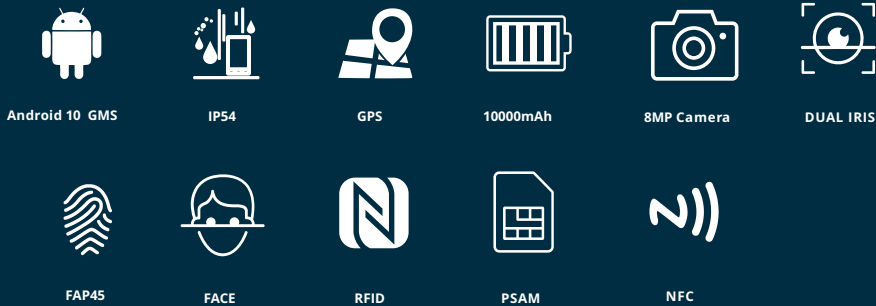


# ID Force RB50/45 - IRIS



## Biometric Rugged Handheld



### Functions

- Certified for Android 10 GMS and ensures various services and software to be able to use Google.
- Have the ability to complete rapid fingerprint capture with optical FAP45 (2 Fingers Flats & Rolls) fingerprint sensor.
- Rechargeable lithium-ion polymer 10000mAH@3.7v smart battery (37.0Wh). Portable can remove the battery.
- Rugged & durable design, Drop tested at 1.22 meter with silicone protector, operated in severe rugged and mobile environment.
- Support GPS, Glonass, more accurate positioning.
- Rear 8 million pixel camera, easy to collect images and video information.
- Built in NFC,FACE,IRIS,IC CARD and other functional modules to meet the application needs of multiple industries



- e-Passport
- Elections
- e-KYC
- Public & Enterprise



### Storage and Transport Case Options



# ID Force RB50 IRIS - Biometric Rugged Handheld

## Specification Parameters

### Basic parameters

<b>Dimension</b>	220 x 87 x 44mm
<b>Weight</b>	device unit 650g
<b>Device Color</b>	Black
<b>LCD</b>	5 inch IPS 16:10, 720x1280
<b>Touch Panel</b>	5 point G+FF capacitive touch screen
<b>Camera</b>	Front 5.0MP Rear 8.0MP (Optional Rear 13.0MP)
<b>I/O</b>	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 standard earphone jack x 1, IC card Reader x 1 (Optional), PSAM Card x 2 (Optional)
<b>Power</b>	AC100V ~ 240V, 50Hz/60Hz, Output DC 12V/1.5A

### Data Collection

<b>NFC</b>	Built-in - works with all major ISO14443A/B, FeliCa cards and is compatible with NFC ISO18092. P2P to work with mobile devices and tags
<b>Barcode Scanner</b>	Laser 1D and 2D barcode scanner with proprietary CMOS sensor and global shutter. Resolution of 844 x 640 pixels with decode capability high performance scan rate of 100 scans per second
<b>Fingerprint Scanner</b>	BRANDS <ul style="list-style-type: none"> <li>Suprema BM-Slim2</li> <li>Suprema BM-Slim3</li> <li>Futronic FS81</li> <li>IB Columbo</li> </ul> Optical FAP20/30 Fingerprint Sensor FBI PIV/ FIPS201 Mobile ID FAP20/30/45 Certified 500 PPI Resolution Live Fingerprint Detection.
<b>IC Card Reader</b>	supports ISO7816, e-Passport and e-ID document reading and ID card reading are available.

<b>PSAM Card</b>	YES (Optional)
<b>IRIS Scanner</b>	YES (Optional)
<b>FACE Recognition</b>	YES (Optional)

### Performance parameters

<b>Platform</b>	MTK6761 (Quad-Core ARM Cortex-A53 2.0GHz)
<b>Op. System</b>	Android 10 Passed Google certificated (GMS)
<b>Memory</b>	2GB+16GB; 3GB+32GB (Optional)
<b>Extended Memory</b>	T-flash Card (256G extend)
<b>FOTA</b>	YES (Firmware Over-The-Air)

### Battery

<b>Capacity</b>	3.7V/5000mAh (Optional 10000mAh)
<b>Type</b>	Built in polymer lithium ion battery
<b>Endurance</b>	14hrs ( 50% volume sounds, 50% brightness, 1080P HD video display by default )

### Communication

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

### Communication

<b>Operating Temperature</b>	-20 °C ~ 55 °C
<b>Store Temperature</b>	-30 °C ~ 70 °C
<b>Humidity</b>	95% Non-Condensing
<b>Rugged Feature</b>	IP54 certified, CE certified
<b>Drop Height</b>	1.22m



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