



## ARATEK R1000 ReconoSer Handheld Verification Device Instructions

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**ARATEK R1000 ReconoSer Handheld Verification Device Instructions**



R1000



Compact size, easy to use. The R1000 is a handheld verification device with a reliable and durable battery for many applications such as law enforcement, National ID, voter verification and so on. The device also features 2G, 3G, WIFI, and Bluetooth connectivity, giving unmatched options for fast data transfer.



#### Strong Fingerprint Authentication

Durable optical scanner, fully compliant with FBI FAP20, STQC, ISO19794-2, ANSI-378, WSQ standard



#### Open Operating System

Android 10 operating system, customizable for various applications



#### Reliable Battery

3000mAh battery capacity for your choice, meet the requirement of outdoor mobile identification



#### Wireless Communication

With 2G / 3G, Wi-Fi and Bluetooth, data transfer is as easy as 1-2-3



#### GPS

Accurately locate the position of the device, auto record, show and playback the travelled route



#### Dual SIM Slot

Dual micro-SIM slot

## Applications

- **National ID**

Identity verification with high accuracy

- **Public security**

Patrol system, ID card & driver license verification

- **SIM registration**

ID check for SIM card activation

- **Voter verification**

Ultra-secure voter identity check

- **Mobile Attendance**

Optimize your attendance systems for remote area

- **Financial service**

Financial inclusions, government benefit deliveries, pension distributions

## Physical Parameter

Operating System	Android 10
Processor	Quad-core 1.3GHz
Memory	1G RAM + 8G ROM
Display	2.8 Inch Capacitive
Resolution	240*320 pixel
USB	Micro USB*1
SIM Card	Micro SIM Card *1
Battery	3000 mAh removable
Dimension	95*100*21mm

## Biometrics

Fingerprint Capture	Optical Press
Platen Size	16.0*21.0 mm
3G	WCDMA B2/ B5
GPS	GPS Supported
Bluetooth	Bluetooth 4.0

## Certification

FC,ROHS

## Special Design

Meet FIPS 140-2 Level 3 Tamper protection and add special label

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### FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - (1) This device may not cause harmful interference.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **SAR Information Statement**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. \* Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use on the body, as described in this user guide, is 1.009W/Kg(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). The maximum scaled SAR in hotspot mode is 1.009W/Kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: 2AYCPR1000 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. \* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

### **Body-worn Operation**

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

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