

Comnav Technology R550 Data Collector User Manual

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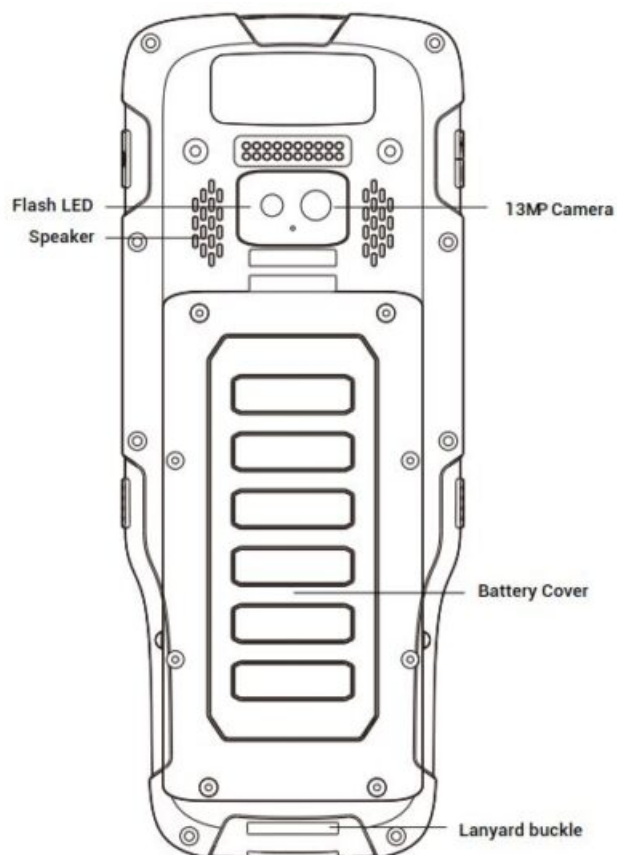
Comnav Technology R550 Data Collector User Manual



This manual is for reference only.
There might be subtle differences between actual product and picture.
Please refer to actual product.

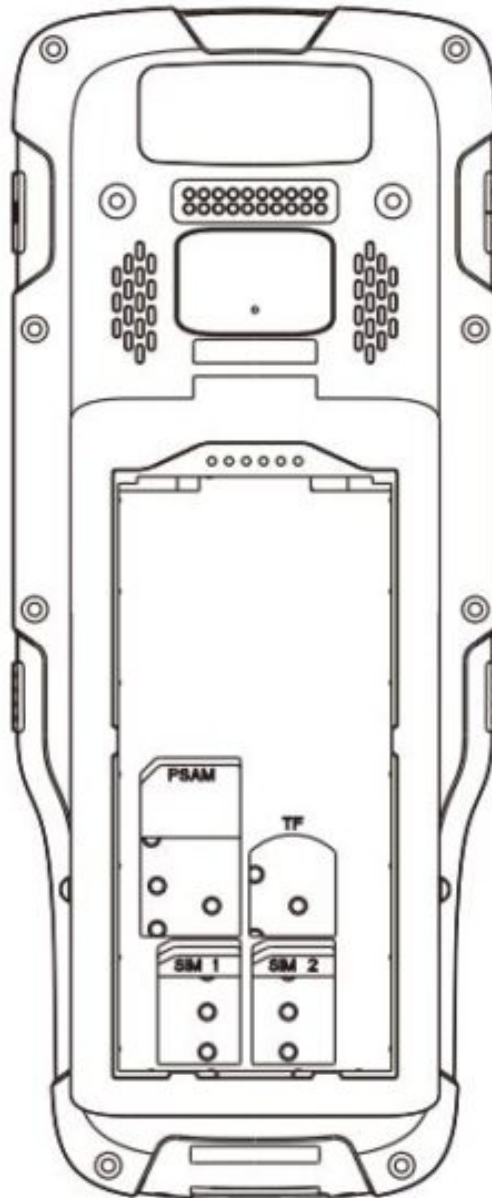
Please read this manual before using product.

Product Overview



Installation of SIM card and SD Card

Please mind card-gap direction before insert sim card and SD card. This is a dual sim cards device, only 1 CDMA2000 SIM card is valid at same time.



Restart Device

Holding power button 2 seconds, choose restart

Force Device Restart

Holding power button over 8 seconds

Charge

Charging device before first use is recommended



Note: The charger plugs should be fully plugged into socket and keep in easy-to-unplug location

Safety Information !

Devices designed for working in -20 C C environment, proper storage temperature is -30 C C, lower or higher temperature would compromise device performance, even cause potential damage to device or battery Charge device in environment, n case of battery endurance weakness. No support or responsibility will be undertaken if end user update device with third party ROM or crack device system



Electromagnetic Radiation

The maximum absorption rate of electromagnetic radiation is (SAR) 2.0 W/kg. In special cases such as pacemakers, hearing aids, cochlear implants, users should follow the doctor's instructions.



Warning:

Following action may cause battery safety risks, resulting safety problems:

- Disassembly battery.
- Demolition device.
- Repair device in unofficial service.
- Using uncertified USB cable.
- Put device into or near microwave oven, fire, or other heat source.

Product Specification

General specification	
Dimensions	207mm*84mm*20mm
Weight	360g
OS	Android 8.1
CPU	MT6763 Octa-core 2.0GHz
RAM	4GB
ROM	64GB
Camera	13MP rear camera with high brightness LED flash 5MP front Camera
Display	5inch 720*1280 IPS High bright screen 5 points capacitive touch
GPS	GPS/GLONASS/BEIDOU

NFC	ISO14443A/B,ISO15693,Working Range: 0~5cm
Battery	Swappable 7000mAh lithium-ion polymer battery
Wireless specification	
Bluetooth	BT4.1(BLE)
WI-FI	IEEE 802.11 a/b/g/n 2.4G 5G double frequency
Cellular mobility (2G、3G、4G)	FDD-LTE B1/B3/B5/B7/B8 TDD-LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA1x/CDMA2000 BC0/BC1

Interface	
SIM card slot	2 Micro SIM card slots.
SD card slot	1 Micro SD card slot
Pasm card slot	1 Micro Psam card slot
USB	USB TYPE-C,OTG, fast charging 5V/9V 1.5A
Others	Cradle contact
Performance	
Working temperature	-20 °C to 55 °C
Storage temperature	-30 °C to 70 °C
Humidity	5%~95%
ESD protection	Air discharge ±15kv, contact discharge ±8kv

Protection	1.5m free drop to concrete Seal to IP67
Accessory	
AC adaptor	1
USB cable	1
Lanyard	1
Quick start guide	1



Environmental Protection

List of toxic and hazardous substances or elements.

Parts		Toxic and hazardous substances or elements					
		Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	hexavalent chromium (Cr6+)	poly- brominated biphenyls (PBB)	poly- brominated diphenyl ethers (PBDE)
Device	PCBA	X	0	0	0	0	0
	LCD	0	0	0	0	0	0
	Plastic	0	0	0	0	0	0
	Metal	X	0	0	0	0	0
Battery		X	0	0	0	0	0
Accessory		X	0	0	0	0	0

O: indicates that the toxic and hazardous substances in all homogenized materials of the component are below the limit required by GB/T 26572-2011.

X: indicates that the toxic and hazardous substance in at least one homogeneous material of the component exceeds the limit set by GB/T 26572-2011.

Note: this product is labeled “X” because there are no alternative technologies or components available at this stage. Please handle such parts or materials properly to avoid environmental and human health effects.

This product’s “environmental protection life” is 10 years. The environmental protection of some internal or external components may differ from the environmental life of the product. The service life mark on the component has precedence over any conflicting or different environmental life identification on the product. The term of environmental protection of this product refers to the safe life of using the product without toxic and harmful substances leakage under the conditions stipulated in this information guide.

For more information

About the device Android and software versions, check in: settings > about the phone.



Note: Access to the Internet, send and receive information, upload and download, automatic synchronization, so that some applications or use of location services may incur other costs. To avoid additional charges, please contact the service provider and select the appropriate tariff package scheme.

Warning:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement

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.

RF exposure compliance statement:

This device has been evaluated to meet the general RF exposure requirement

Warranty Card

Company:

Tel:

Name:

Add:

E-mail:

Product Info:

Technique Support:

Please contact us for development support.

Global support Mail: GlobalFAE@speedatagroup.com

China Mainland support Mail: FAE@speedatagroup.com

After-sale service:

+ 400 1088 019

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Manuals+.