Technical specification

GENERAL

Durability	IP-65 certified 1.5 M (5ft.) drop-resistance
CPU	octa-core Qualcomm Snapdragon 450 8* Cortex A53, 1.8 GHz 1.5 GHz
OS	Android™ 9
Memory	2 GB
Storage	16 GB
Audio	Integrated microphone Integrated speaker

PERIPHERALS

Camera	Front: N/A Rear: 8.0 megapixel AF camera with LED
Sensor	Accelerometer (G-sensor) 3-axis digital gyroscope E-Compass/Proximity Sensor
Light Sensor	Ambient light sensor
WLAN	Integrated IEEE 802.11 a/b/g/n /ac/r
Bluetooth	Integrated Bluetooth 4.2 LE with HID input
WWAN	Support
Navigation	GPS, Glonass, Beidou
Barcode scanner	1D/2D barcode reader with physical trigger keys

TOUCH SCREEN

Type	5-point Projected Capacitive Touch screen Glass coating w/ anti-reflection coating

LCD DISPLAY

Size / type	4" TFT LCD
Resolution	800 x 480

POWER SUPPLY

Power system	Lithium-ion battery Lithium-ion rechargeable battery
Battery type	Replaceable
Battery capacity	5200 mAh
Battery life	Up to 8 hours
Adapter input	IAC 100~240 C, from 50 to 60 Hz
Adapter output	12V, 2A

ENVIRONMENTAL CONDITIONS

Operating temperature	from -15°C to 55°C
Storage temperature	from -20°C to 70°C

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Warnings

1. Do not use the power adapter that isn't made for the device. Supplying the device with inappropriate voltage may cause harm to the battery or, even worse, burn the device.

2. To prevent possible hearing damage, do not listen at high volume levels for long periods.

3. The device's barcode scanner that uses laser lights is a class 2 laser product. DO NOT stare into the laser beams or point the laser beam at anyone's eyes when the barcode scanner is in operation.

4. Read all cautions and warnings on the device.

5. Dropping it or letting it fall may cause damage.

6. Make sure the correct voltage is connected to the device.

7. For pluggable device, the socket outlet should be near the device and should be easily accessible.

8. Disconnect this device from the A/C outlet before cleaning it. Use a moist cloth. Do not use liquid or sprayed detergent for cleaning.

9. Do not scratch or rub the screen with a hard object.

10. Never use any of the solvents, such as Thinner Spray-type cleaner, Wax, Benzene, Abrasive cleaner, Acid or Alkaline solvent, on the display. Harsh chemicals may cause damage to the cabinet and the touch sensor.

11. Remove dirt with a lightly moistened cloth and a mild solvent detergent. Then wipe the cabinet with a soft dry cloth.

12. If the device will not be used for a long time, disconnect it from the power source to avoid damage by transient overvoltage.

13. Never pour any liquid into openings. This may cause electrical shock.

14. Never open the device. For safety reasons, the device should be opened only by qualified service personnel.

15. If one of the following situations arises, get the device checked by service personnel:
    - The power cord or plug is damaged.
    - Liquid has penetrated into the device.
    - The device does not work well, or you cannot get it to work according to the user's manual.
    - The device has been damaged.
    - The device has obvious signs of breakage.

16. Keep this User's Manual for later reference.

17. Do not leave this device in an uncontrolled environment where the storage temperature is below -20° C (-4° f) or above 70° C (158° F). This may damage the device.

GUIDELINES FOR THE DISPOSAL OF THE PRODUCT

WITHIN THE EUROPEAN UNION

EU-wide legislation, as implemented in each Member State, requires that waste electrical and electronic products carrying the mark (left) must be disposed of separately from normal household waste.

OUTSIDE THE EUROPEAN UNION

This includes monitors and electrical accessories, such as signal cables or power cords. When you need to dispose of your display products, please follow the guidance of your local authority, or ask the shop where you purchased the product, or if applicable, follow any agreements made between yourself. The mark on electrical and electronic products only applies to the current European Union Member States.

K-Ranger

CUSTOM®

Box contents

1. Device
2. Documentation (User manual)

This document provides a description of the main features of the device. For a detailed description of all functions please refer to the user manual code **76200000009100** by downloading it from the website www.custom4u.it.

Device components

1. Barcode Trigger Key
2. Barcode Scanner
3. Camera
4. Fingerprint
5. Speaker
6. Battery
7. NFC antenna
8. Power Key

Charging the battery

Be sure to charge the battery to full when you are charging it for the first time.

ATTENTION: Do not charge the device via computer USB connection due to that the voltage output from computer USB is not enough to charge the device. Please use only approved charging devices.

CHARGING THE BATTERY

To charge the battery proceed as follow:

1. Connect the charging cradle (optional) to a power outlet.

2. Place the device on the charging cradle.

CHECKING THE BATTERY LEVEL

When the charging is in process, a battery indicator will appear in the status bar showing the charging percentage. Remove the device from the charging cradle when the battery is fully charged.

Installing MicroSD and/or SIM card

Press the two keys next to the battery.

Remove the battery

Remove the plastic cover.

Insert SIM Card and MicroSD as the diagram shown.

Installing / replacing the battery

Press the two keys next to the battery.

Remove the battery.

Place battery back to slot.

Press down