



# IT-51

## Android Rugged Handheld

Android 9 ruggedized Handheld with IP68 dust protection and submersible in water. Industrial terminal with double keyboard, physical and tactile, 1D/2D barcode readers and NFC, UHF and Dual SAM technologies. The device is appropriate for logistics, warehouse and manufacturing sectors.

### Benefits:

- Extremely robust, drop-proof device with IP68 protection level.
- Excellent scanning performance, ideal for mobility workers and intensive reading working days.
- Two type of keyboard that facilitate the performance of tasks and user experience.

### Main specifications:



- Android 9
- Octa-Core 2.5GHz
- Memory: 2GB RAM and 16 GB Flash ROM, Micro SD up to 128 GB.
- 1D/2D barcode reader, RFID HF and UHF (optional).
- Lithium-ion rechargeable and removable battery: 4.100 mAh.
- IP68 Certification.

# TECHNICAL SPECIFICATIONS

**OS Compatibility:**

Android 9

**Microprocessor:**

Octa-Core 2.5GHz

**Memory:**

2GB RAM, 16GB Flash ROM, Micro SD up to 128 GB.

3Gb RAM, 32Gb Flash ROM, Micro SD up to 128GB.(Optional)

**Graphic display:**

4" WVGA 800\*480px, "Multi-touch Screen"

Gorilla Technology® 3.0, anti-scratch screen

**Communications:**

4G, GSM Quad Band, TDS B34/39, WCDMA B1/2/5/8,

TDD B38/39/40, FDD B1/3/7/8/20

802.11a/b/g/n, WEP WPA/WPA2-PSK/WAPI

PSK/802.1\*EAP Encryption protocol. 2.4GHz and 5GHz

Bluetooth 4.2 with support for BLE

SIM (2FF), Dual SAM (2FF).

**HF RFID:**

13.56MHz, reading range up to 4cm

**UHF RFID (optional):**

840-960 MHz, EPC (C1/G2, ISO18000-6C/EPC C1G2)

Reading range up to 80 cm

(according to the tags and environment)

Reading speed: 50 tags / seconds

**Barcode reader (optional):**

1D / 2D Reading range up to 38 cm.

**Camera:**

Rear: 8 megapixels, autofocus and LED

**Flash Keyboard:**

Physical and tactile

**GPS:**

GPS + BDS + GLONASS

**I/O Port:**

USB 2.0 OTG

**Rechargeable battery:**

4.100 mAh, 3.8V Li-ion

**Sensor:**

Gravity Sensor, Light Sensor, Distance Sensor

**Dimensions:**

170 mm x 73 mm x 20,5 mm

**Weight:**

305 g (battery included)

**Ambient Conditions:**

Operating: -20°C to 50°C / 5% to 85% Relative Humidity

Storage: -20°C to 60°C / 5% to 85% Relative Humidity

**Drop specification:**

Multiple falls of 1,5 m in height on concrete floor.

**Certification:**

IP68, CE, GMS "Google Mobile Services".

## Accessories:



Belt holster



Simple charging cradle



Charging station

ITOS provides personalized mobility and payment solutions, as well as a national maintenance Service adapted to the particular needs of each client.