IC-55
Android Rugged Handheld

Benefits:

- Smart and ergonomic design for businesses that invest on new generation technology.
- Quick barcode reading due to intelligent scanner image technology.
- Maximum performance in daily tasks thanks to its 3GB RAM and its Octa-Core processor.

Main specifications:

- Android 7.1.
- Octa Core microprocessor.
- Memory: 3GB RAM and 32GB Flash ROM.
- 5,5 inch 1920x1080, Gorilla Glass anti-scratch screen.
- 1D or 2D barcode reader and RFID HF and UHF.
- SIM and Dual SAM.
- Lithium-ion rechargeable battery: 4.200 mAh.
## TECHNICAL SPECIFICATIONS

**OS Compatibility:**
Android 7.1

**Microprocessor:**
ARM Cortex-A53 Qualcomm Octa-Core, 2.0 GHz

**Memory:**
- 2GB RAM and 16GB Flash ROM,
- 3GB RAM and 32GB Flash ROM, Micro SD up to 32GB (optional)

**Display:**
5.5” 1920x1080, “Multi-Touch screen”
Dragontrail Glass, anti-scratch screen

**Communications:**
- Dual WiFi 802.11a/b/g/n, WEP/WPA/WPA2-PSK/WAPI
- PSK/802.1*EAP Encryption protocol. 2.4GHz and 5GHz
- Bluetooth 4.2
- SIM
- Dual SAM

**HF RFID:**
NFC 13.56MHz (ISO14443A), reading range up to 4cm

**UHF RFID:**
840-960 MHz, EPC (C1/G2, ISO18000-6C/EPC C1G2) Reading range up to 30 cm
Reading speed: 50 tags / seconds

**Barcode reader:**
1D / 2D (opcional)

**Camera:**
Rear: 8 megapixels (13 megapixeles optional), autofocus and LED Flash

**GPS:**
GPS, BDS

**I/O Port:**
USB 2.0 OTG

**Rechargeable battery:**
4,200 mAh, 3.8 V Li-ion

**Dimensions:**
160 mm x 76 mm x 12.9 mm

**Weight:**
235 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

**Certification:**
Drop resistant, IP 54

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### Accessories:

- **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.