IC-50SG
Android Rugged Handheld

Rugged Android 5-inch Handheld with 1D or 1D / 2D barcode readers, RFID-HF, UHF, NFC, as well as 4G, Bluetooth, dual SIM and dual SAM technologies. Professional terminal for mobility environments, being ideal in applications of use for deliveries, logistics and transport such as the reading of delivery notes, ticketing, etc.

Benefits:

- Reliability in the intensive handling of the device.
- Fully customizable for client needs, both hardware and software.
- Support in integrating client infrastructure.

Main specifications:

- Android 5.1, (Android 6.0 optional).
- Memory: 2GB RAM and 16GB Flash ROM.
- 1D or 1D/2D barcode reader and RFID HF and UHF reader (optional).
- Compatible with right-handed and left-handed.
- Dual SAM and Dual SIM.
- Lithium-ion rechargeable battery: 4,000 mAh.
TECHNICAL SPECIFICATIONS

**OS Compatibility:**
Android 5.1 (Android 6.0 optional)

**Microprocessor:**
Quad-Core ARM Cortex A7, 1.3 GHz

**Memory:**
2GB RAM, 16GB Flash ROM, Micro SD up to 32GB

**Display:**
5" FWVGA 1280*720, “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 4.0 EDR class 2
Dual SIM
Dual SAM

**UHF RFID (optional):**
840-960 MHz, EPC (C1/G2, ISO18000-6C/EPC C1G2)
Reading range up to 80 cm
Reading speed: 50 tags / seconds

**HF RFID:**
13.56MHz (ISO14443A), reading range up to 5cm

**Barcode reader:**
1D or 1D / 2D (optional) reading range up to 38 cm

**Camera:**
Rear: 8 megapixels, autofocus and LED Flash
Front: 2.0 megapixels

**GPS:**
A-GPS, meter level localization

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

**Rechargeable battery:**
4,000 mAh, 3.7 V Li-ion

**Dimensions:**
147 mm x 78 mm x 19 mm

**Weight:**
233 g (battery included)

**Ambient Conditions:**
Operating: -25°C to 65°C / 0% to 95% Relative Humidity
Storage: -30°C to 70°C / 0% to 95% Relative Humidity

**Certification:**
IP65

**Accessories:**
Belt holster
Silicone Case
Charging Cradle
Smart Charging Cradle

Compatible with: **vmware**  **airwatch**  **SOTI**
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