IC-55

Android Rugged Handheld

Powerful Handheld device, aimed at the retail sector, which is characterized by its design and technology. It integrates Octa-core processor, 3GB RAM memory and 32GB ROM, as well as advanced image technology of the 1D/2D scanner. The terminal, Android 7.1, incorporates RFID-HF, UHF and NFC readers, along with two SAM and one SIM modules.

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.
- SIM and Dual SAM.
- Memory: 3GB RAM and 32GB Flash ROM.
- 5,5 inch 1920x1080, Gorrilla Glass anti-scratch screen.
- 1D/2D barcode reader, RFID HF and UHF (optional).
- Lithium-ion rechargeable battery: 4,200 mAh, 3,8 V.
TECHNICAL SPECIFICATIONS

**OS Compatibility:**
Android 7.1

**Microprocessor:**
Octa-Core, 2.5 GHz

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

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

**Communications:**
4G, GSM Quad Band, TDS B34/39, WCDMA B1/2/5/8,
TDD B38/39/40, FDD B1/3/7/8/20
Dual WiFi 802.11a/b/g/n, WEP/WPA/WPA2-PSK/WAP1
PSK/802.1*EAP Encryption protocol. 2.4GHz and 5GHz
Bluetooth 4.2
SIM and Dual SAM

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

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

**Barcode reader:**
1D / 2D (optional) reading range up to 49.5 cm

**Camera:**
Rear: 8 megapixels (13 megapixels 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:**
220 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 0.8 m in height on concrete floor.

**Certification:**
IP54

**Accessories:**
- Simple charging cradle with Silicone Case
- Charging station with Silicone Case
- Silicone Case

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