

NEW

IC-58U

Integrated UHF android



Discover the incredible range of the ITOS IC-58U, the new Android 13 solution designed to capture the greatest amount of data in the shortest possible time, even at distances of up to 15 meters. With a 5.7" display and a comfortable ergonomic grip, this device guarantees the collection of tag information thanks to its RFID scanning and 1D/2D barcode reader in the most demanding retail, warehousing and logistics environments.

Key Features:

- Speed and convenience in the daily use of the device.
- Long battery life for uninterrupted work optimization.
- Specialized assistance in the integration of the customer's infrastructure.



Android
13



1D/2D
RFID UHF



5.0 BLE



Long-life
battery

RFID/UHF long distance reader

Technical Specifications

OS Compatibility

Android 13

Processor

Octa-Core 2.0 GHz

Memory

4 GB RAM, 64 GB Flash ROM, Micro SD up to 128 GB
3 GB, 32 GB / 6 GB, 128 GB (optional)

Dimensions

169 mm x 76.8 mm x 26 mm
630 +/- 50 (Battery included)

Display

5.72" 18:9 HD+ (1440x720),
Touch and anti-scratch Gorilla Technology® 3.0

Communications

WiFi: 2.4GHz and 5GHz; 802.11a/b/g/n/ac/r/e/i protocol;
NFC Protocol standards: ISO/IEC14443A/B, ISO/IEC15693,
NFCIP-1, NFCIP-2, FeliCa, MIFARE
Card type: MF0 (MIFARE Ultralight), MF1 S50 and S70 (MIFARE
Classic EV1), MF2 (MIFARE Plus), MF3 (MIFARE DESFire EV1/
EV2/EV3), CPU card, 15693, Type1/Type2/Type3/Type4
Bluetooth 5.0 with BLE support.
Global: GSM Band 2/3/5/8; WCDMA Band 1/2/5/8;
TD-SCDMA Band 34/39; CDMA Band BCO;
TDD-LTE Band 34/38/39/40/41;
FDD-LTE Band 1/3/5/7/8/20.
USA: GSM Band 2/3/5/8; WCDMA Band 1/2/4/5;
CDMA Band BCO; TDD-LTE Band 40/41;
FDD-LTE Band 1/2/4/5/7/28A/28B.
Dual SAM (2FF)
nanoSIM* + nanoSIM* / nanoSIM* + Micro SD (128GB)
*nanoSIM (4FF)

SAM

SAM slots: 2 x 2FF SAM slots
Support standards: ISO7816, type B (3.3V)
Support protocol: T=0 and T=1
Serial port baud rate: 9600 - 115200bps
Support SAM AV2/SAM AV3 card communication

GPS

GPS + Beidou + Glonass + Galileo

Barcode reader (optional)

Certified 1D / 2D readings:
1D/2D: N3680, N6703, SE4710, SE4750, HS7, CM30, CM60

UHF RFID reader

EU: 865-868MHz; USA: 902-928MHz;
Protocol: ISO18000-6C/EPC C1G2
Read range: up to 15 meters (tag dependent)
Read rate: 900 tags/sec (circular polarisation)
Antenna: Circular polarisation 4.5 dBi
IMPINj E710 chip
1W (30dBm, adjustable from +0 dBm to +30dBm)
2W (33dBm, adjustable from +31 dBm to +33dBm)

Camera

Rear: 13 MP AF
Front: 5 MP FF

Ports

USB Type-C, OTG

Rechargeable battery

12.200 mAh
Handset: 6.200 mAh, 3.8 V Li-poly
Handgrip: 6.000 mAh, 3.8 V Li-poly
Removable and user-replaceable battery

Environmental conditions

Operating: -20°C to 55°C / 5% to 95% Relative Humidity
Storage: -30°C to 70°C / 5% to 95% Relative Humidity

Drop specification

Drop from a height of 1.5 meters to the concrete floor

Rolling Specification

200 times 1.6ft/0.5m Rolling Impact
Random Vibration (10Hz-30KHz); 60 minutes per axis

Electrostatic Protection

+/- 10kv air discharge; +/- 6kv contact discharge

Protection

IP67. Provides complete protection against dust and can be submerged in water up to 1 meter for 30 minutes.

Certification

CE, UN38.3, RoHS, GMS Global "Google Mobile Services", IP67

Application areas

Success stories

- Retail sector
- Transport sector
- Warehouse and logistics

ITOS IC-58U offers a number of key benefits for multiple sectors. On the one hand, its functionality in the retail sector, where the agility in capturing data from numerous products improves efficiency in inventory management and stock control, allowing a rapid response to customer needs. On the other hand, in the area of warehousing and logistics, it streamlines the process of receiving and shipping goods, capturing data quickly and accurately and reducing errors by automating the tasks of collecting and recording information.

ITOS provides personalized mobility and payment solutions, as well as a national maintenance service adapted to the clients' needs.

More Info

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