

RFID UHF Portable Scanner

IDT RHC61



Android 11



4G



WiFi



Bluetooth



Barcode



UHF



NFC



Camera



IP 65

IDT RHCP61 is rugged new generation reader with integrated RFID UHF Antenna. It is built with Impinj E710/R2000 chip for high accuracy, speedy and long range reading capacity. The ultra-powerful processor, integrated NFC reader and larger capacity battery boost task speed. The integrated long-range antenna delivers best-in-class RFID read range and higher throughput, so inventory counts can be accomplished more quickly and accurately. Its sturdy design and ease of operation makes it a best choice for Retail, Logistics, Inventory, Manufacturing etc.

PHYSICAL PARAMETERS

| | |
|--------------------|--|
| Dimension | 202.0 x 72.5 x 32.0 mm |
| Weight | 738 g |
| Touch Panel | Multi-touch panel, gloves and wet hands supported |
| Display | 4-inch high definition display, 800 X 480 |
| Battery | 6700 mAh removable main battery. Built in 100mAh backup battery, supporting battery hot swap |
| Alarm | Sound, LED Indicator, Vibrator |
| Card Slot | 1 slot for Micro SIM card, 1 slot for TF card |
| Audio | 2 microphones, 1 for noise cancellation; 2 speakers, receiver |
| Keypad | 27 keys / 37 keys / 47 keys; Side keys: 2 SCAN keys + 2 volume keys + 1 user-defined key |
| Sensor | Accelerometer sensor, light sensor, proximity sensor, gravity sensor |

PERFORMANCE

| | |
|-------------------------|---|
| Processor | Android 9: Qualcomm Snapdragon™ 450 Octa-core, 1.8 GHz Android 11: Qualcomm Snapdragon™ 662 Octa-core, 2.0 Ghz |
| RAM & ROM | 3 GB + 32 GB / 4 GB + 64 GB |
| Operating System | Android 9/11 |
| Support | SDK Provided |
| Tool | Eclipse / Android Studio |
| Language | Java |
| Expansion | Supports up to 128 GB Micro SD card |

ENVIRONMENTAL SPECIFICATION

| | |
|-----------------------------|--|
| Temperature | -20 °C to 50 °C (Operating) -40°C to 70°C (Storage) |
| Humidity | 5% RH to 95% RH |
| Sealing | IP65 |
| Tumble Specification | 1000 x 0.5 m / 1.64 ft. falls |
| Drop Test | Multiple 1.8 m / 5.9 ft. drops |

COMMUNICATION

| | |
|------------------|---|
| Interface | USB Type-C, USB 3.0, OTG, extended thimble |
| WLAN | Support 802.11 a/b/g/n/ac/ax-ready/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPV4,IPV6, 5G PA |
| WWAN | 2G, 3G & 4G |
| Bluetooth | Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+EDR Bluetooth 5.1 |
| Vo-LTE | Vo-LTE HD Video Voice call |
| GNSS | GPS/AGPS, GLONASS, Galileo |

UHF RFID

| | |
|---------------------|---|
| Frequency | 865-868 MHZ |
| Protocol | EPC C1 GEN2 / ISO18000-6C |
| Engine | Impinj E710 / Impinj Indy R2000 |
| Antenna | Circular Polarized Antenna (4 dBi) |
| Power | 1W (0 dBm to 30 dBm Adjustable) 2W (Optional) |
| R/W Range | Up to 15 m (Tag & Environment Dependent) |
| Reading Rate | 900+ tags/sec |

CAMERA

Rear Camera Rear 13 MP Autofocus with flash

OPTIONAL FEATURES

Barcode 1D & 2D

NFC ISO14443A/B

ACCESSORIES

Standard Separate handle with one button, battery, Wrist Strap, Charging Cradle

ORDER INFORMATION

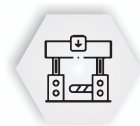
Part Number IDT.RH.C61



Retail



Construction



ETC



Manufacturing



Transport



Supply Chain



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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