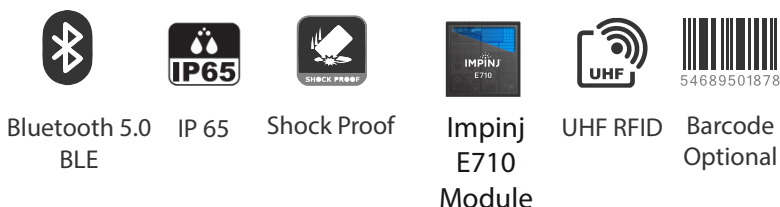


RFID UHF Portable Scanner IDT RHC72

Designed using Impinj E710 module



IDT RHC72 is an android based rugged portable scanner specially designed for hassle-free scanning of items. It is feature-rich and combines best-in-class ease of use and integration tools with a powerful RFID engine, enabling exceptional performance in the most demanding scan environments and applications like Logistics, Warehouse, Manufacturing, Retail and Asset Tracking etc.

PHYSICAL PARAMTERS

Dimensions	164.2 x 80.0 x 24.3 mm
Weight	654 g
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Display	5.2" IPS FHD 1920 x 1080
Interface	USB 2.0 Type-C, OTG, TypeC headphones supported
Battery	8000 mAh , Standby: over 500 hours
Alarm	Audio & Visual
Keypad	4 front keys, 1 power key, 2 scan keys, 1 multifunctional key
Sensor	Gravity sensor, light sensor, proximity sensor

PERFORMANCE

Processor	Octa-core 2.3 GHz
Expansion	Supports up to 256GB Micro SD (TF) card
RAM+ROM	3GB + 32GB / 4GB + 64GB (optional)

ENVIRONMENTAL SPECIFICATIONS

Temperature	-20°C to +50°C (Operating), -20°C to +70°C (Storage)
Humidity	5% RH - 95% RH non condensing
Sealing	IP 65
Drop Test	Multiple 1.5 m to the concrete

COMMUNICATION

Bluetooth	Bluetooth 5.0
WWAN	2G, 3G & 4G
GNSS	GPS/AGPS, GLONASS, BeiDou; internal antenna
WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna

UHF RFID

Frequency	865-868 MHz EPC C1 GEN2 / ISO18000-6C
Antenna	Circular polarization (4dBi)
Power	1W (30dBm, +5dBm adjustable), 2W Optional (33 dBm, for Latin America, etc.)
R/W Range	30m+ / 100ft.+ Read Range
Reading Rate	1300+ Tags/s (circular polarization)

CAMERA

Rear Camera	13 MP autofocus rear camera with flash
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OPTIONAL FEATURE

Barcode	1D & 2D
NFC	13.56 MHz
IRIS	< 150ms

ACCESSORIES

Standard	AC Adaptor, USB Cable, Lanyard.
Optional	Cradle, Holster

DEVELOPING SUPPORT

Operating System	Android 11/13
Language	Java
SDK	Provided
Tool	Eclipse / Android Studio

ORDER INFORMATION

Part Number	IDT.RH.C72
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APPLICATION AREA



Retail



Construction



ETC



Manufacturing
Unit



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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