RFID UHF Portable Scanner
IDT RHR2

Designed using Impinj E710 module

| BLE Bluetooth 5.0 | Shock Proof | Impinj E710 Module | Barcode 1D & 2D |

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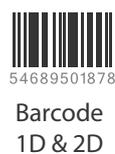
The IDT RHR2 is a handheld Bluetooth reader designed for strong RFID performance. It offers reliable UHF reading and writing, supports Impinj Gen2X for better accuracy, and can also scan barcodes. Data is easily sent to the data center through Bluetooth. Thanks to its flexibility, the RHR2 is well-suited for inventory, asset tracking, inspections, and many other uses.

PHYSICAL PARAMETERS

Dimensions	282 x 117.5 x 32 mm
Weight	334 g
Display	1.77 inch
Interface	USB Type-C
Battery	5200 mAh; Standby: over 70 hours
Phone Connectivity	Any Android or iOS device
Body	Plastic
Color	White
Indicators	Buzzer | LED Indication for Power, Work & Bluetooth

PERFORMANCE

Processor	Cortex-M3 72MHz
Storage	50000 tags
Bluetooth	Bluetooth Low Energy (BLE) 5.0

ENVIRONMENTAL SPECIFICATIONS

Temperature	-20°C to +50°C (Operating), -40°C to +70°C (Storage)
Humidity	5%RH - 95%RH non condensing
Drop Test	4.9ft. drops to the concrete across the operating temperature range

UHF RFID

Frequency	865-868MHz / 920-925MHz / 902-928MHz
Antenna	Linear Polarized antenna
Engine	CM710-1 module based on Impinj E710
R/W Range	> 30 m
Reading Rate	900+ tags/sec

OPTIONAL FEATURE

Barcode	1D & 2 D

ORDER INFORMATION

Part Number	IDT.RH.R2

APPLICATION AREA

Retail   Construction   ETC   Manufacturing Unit   Transport   Supply Chain

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