

RFID UHF WEARABLE SCANNER IDT RHR5

Designed using Impinj E710 module



Bluetooth 5.0
BLE



Shock Proof



IP 65



Impinj E710
Module



Wearable
& Detachable

The IDT RHR5 is a new wearable UHF RFID reader with a reading range of up to 14 meters. It supports Impinj Gen2X technology for better performance and connects via Bluetooth through an app or SDK. It can also pair with Android or iOS devices to extend RFID functions. This reader is ideal for warehousing, power inspections, asset management, retail, and more, helping users work more flexibly and efficiently.

PHYSICAL PARAMETER

Dimension	108 x 78 x 18mm
Weight	200 g
Interface	Type C USB & Bluetooth 5.0
Battery	2000 mAh
Keypad	On/Off & Scan
Alarm	LED indication for Charging & Battery
Phone Connectivity	Bluetooth With any Android & iOS device
Charging Duration	2 hours
Charging Current	5 V / 1.5 A

ENVIRONMENTAL SPECIFICATION

Temperature	-20 °C to +50 °C (Operating) -40 °C to +70 °C (Storage)
Humidity	5% RH - 95% RH non condensing
Drop Test	1.5 m dropping on concrete
Protection	IP 65

UHF RFID

Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Antenna	Circular Polarized Antenna
Engine	CM710-1 module based on Impinj E710
R/W Range	> 12m
Reading Rate	900+ tags/sec
Power Output	1W (30dBm, support +5~+30dBm adjustable)

OPTIONAL FEATURE

SDK	Android / IOS SDK Supported
Security	RFID Encrypted Module (Reserve)

ORDER INFORMATION

Part Number	IDT.RH.R5
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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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