



# RFID UHF PORTABLE SCANNER IDT RH20



Bluetooth 5.0  
BLE



IP 65



Impinj E310  
Module



Shock Proof



Wearable  
& Detachable

IDT RH20 is an innovative wearable bluetooth UHF RFID device which gives flexibility to the user to finish the task in hands-free mode. Being a small and portable gadget, it may be used with hand wraps, wristbands, or lanyards. It can be paired with any Android/iOS device for data transfer and capability enhancements. IDT RH20 is very useful for Warehousing, Power Inspection, Asset Management, Retail, Manufacturing etc. The device is equipped with Impinj RFID module, it provides reading range up to 80 cm.

## PHYSICAL PARAMETER

<b>Dimension</b>	50 x 62 x 19mm
<b>Weight</b>	64 g
<b>Interface</b>	Type C USB & Bluetooth 5.0
<b>Battery</b>	1200mAh Removable Battery
<b>Charging Duration</b>	1 hour
<b>Keypad</b>	ON/OFF, SCAN
<b>Connectivity</b>	With any Android & iOS
<b>Color</b>	device Yellow, Blue, Grey
<b>Body</b>	Plastic

## UHF RFID SPECIFICATIONS

<b>Protocol</b>	EPC C1 GEN2 / ISO18000-6C
<b>Frequency</b>	865-868 MHz / 920-925 MHz / 902-928 MHz
<b>Antenna</b>	Linear Polarized Antenna
<b>Engine</b>	CM-3N module based on Impinj E310
<b>R/W Range</b>	80 cm
<b>Output Power</b>	0.5W (27dBm, support +19-27dBm adjustable)



## ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	-20 °C to +50 °C
<b>Storage Temperature</b>	-40 °C to +70 °C
<b>Humidity</b>	5% RH - 95% RH non condensing
<b>Drop Test</b>	1.5 m dropping on concrete
<b>Protection</b>	IP65

## OPTIONAL FEATURE

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

## ORDER INFORMATION

<b>Part Number</b>	IDT.RH.20
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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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