



RFID UHF PORTABLE SCANNER IDT RH20



Bluetooth 4.0
BLE



IP 54



Shock Proof



UHF RFID
(Impinj R2000)



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

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

UHF RFID SPECIFICATIONS

Protocol	EPC C1 GEN2 / ISO18000-6C
Frequency	865-869 Mhz
Antenna	Linear Polarized Antenna (-2.2dBi)
Engine	Impinj E510 / E310 / CM-Q
R/W Range	80 cm
Output Power	0.5W (27dBm, support +19-27dBm adjustable)



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20 °C to +50 °C
Storage Temperature	-40 °C to +70 °C
Humidity	5% RH - 95% RH non condensing
Drop Test	1.2 m dropping on concrete
Protection	IP65

OPTIONAL FEATURE

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

ORDER INFORMATION

Part Number	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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