

# RFID UHF PORTABLE SCANNER IDT RH160

Designed using Impinj E310 module



Bluetooth 5.0  
BLE



Windows /  
Linux / Mac



Shock Proof



Impinj  
E310 Module



Barcode  
(1D&2D)

IDT RH160 is a powerful UHF Scanner that supports both UHF RFID and 1D/2D scanning. The device Integrated with a self-developed Impinj E310 chip based UHF module which offers excellent tag reading performance with a max. reading range of 7-100cm. A high-performance barcode scan engine is supported by the scanner as well, enabling it to read a variety of 1D and 2D barcodes. IDT RH160 can be widely used in the application areas like retail, inventory, warehouse, logistics, manufacturing, etc.

## PHYSICAL PARAMETER

Dimension	154.0 x 87.8 x 65.0mm
Material	Plastic
Buzzer	Voice Prompt
Button	UHF, 2D, UHF or 2D
Indicator LED	Function: 1 for UHF, 1 for 2D Status: 1 for UHF, 1 for 2D Power: 1 Bluetooth: 1
Comm Interface	RJ45 interface ,HI USB 1
Keypad	power key, 1 scan key
Battery	2600 mAh (Wireless version)

## BARCODE SCANNING

Scan Engine	2D Scanner
Min. Resolution	Code 39 – 4mil, UPC – 7.8mil (60%), PDF417 – 5mil, Datamatrix – 5mil

## ENVIRONMENTAL SPECIFICATIONS

Drop Test	1.5 m to the concrete
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## COMMUNICATION

Bluetooth	Bluetooth Low Energy (BLE) 5.0 (Wireless Version)
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## UHF RFID

Engine	CM-3N module based on Impinj E310
Frequency	920-925MHz / 902-928MHz / 865-868MHz
Protocol	EPC global Gen 2 (ISO18000-6C)
Antenna	Circular polarization
Output Power	1-25dBm
Max Read Range	7-100cm (30cm is recommended)
Impinj Gen2X	Supported

## OPTIONAL ACCESSORIES

Accessories	USB Cable: TYPE-A , RJ45 Power Supply :5V 2A
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## ORDER INFORMATION

Part Number	IDT.RH.160
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## APPLICATION AREA



Retail



Inventory



Warehouse



Manufacturing  
Unit



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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