

# RFID UHF PORTABLE SCANNER IDT RH160



Bluetooth Barcode UHF Support Windows RS-232

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 30 cm. 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

<b>Dimension</b>	154.0 x 87.8 x 65.0mm
<b>Material</b>	Plastic
<b>Buzzer</b>	Voice Prompt
<b>Button</b>	UHF, 2D, UHF or 2D Function: 1 for UHF, 1 for 2D Status: 1 for UHF, 1 for 2D Power: 1 Bluetooth: 1
<b>Comm Interface</b>	RJ45 interface , HID USB
<b>Keypad</b>	1 power key, 1 scan key

## BARCODE SCANNING

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

## ENVIRONMENTAL SPECIFICATIONS

**Drop Test** Multiple 1.5 m to the concrete

## COMMUNICATION

**Bluetooth** 5.0

## UHF RFID

**Engine** CM-3N module based on Impinj E310

**Frequency** 865-868MHz

**Protocol** EPC global Gen 2 (ISO18000-6C)

**Antenna** Circular polarization; 5dBic

**Output Power** 1-25dBm

**Max Read Range** >30cm (Tag: Alien H3)

## OPTIONAL ACCESSORIES

**Accessories** USB Cable: TYPE-A , RJ45

Power Supply :5V 2A

## ORDER INFORMATION

**Part Number** IDT.RH.160

## 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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