

# RFID UHF Portable Scanner IDT RHR2

Designed using Impinj R2000 module



Bluetooth 4.0  
BLE



Shock Proof



UHF RFID  
(Impinj)



54689501878

Barcode  
1D & 2D



IDT-RHB2 is a compact hand held reader especially designed for superior reading performance. With its ergonomic design, it is very easy to use for Inventory Management, Asset Management, Logistics, Manufacturing etc. It can be easily connected to any smart device via Bluetooth for data communication. Powered with Impinj R2000 module, it has a reading range up to 15m. IDT RHB2 is easy use with both hands and enable the user to easily access tags located at different heights.

## PHYSICAL PARAMETERS

|                           |   |
|---------------------------|---|
| <b>Dimensions</b>         | 282 x 117.5 x 32 mm                                 |
| <b>Weight</b>             | 334 g   |
| <b>Display</b>            | 1.77 inch   |
| <b>Interface</b>          | Micro-USB   |
| <b>Battery</b>            | 5200 mAh  |
| <b>Phone Connectivity</b> | Any Android or iOS device                           |
| <b>Body</b>               | Plastic   |
| <b>Color</b>              | White   |
| <b>Alarm</b>              | Buzzer   LED Indication for Power, Work & Bluetooth |

## PERFORMANCE

|                  |                    |
|------------------|--------------------|
| <b>Processor</b> | Cortex-M3 72MHz    |
| <b>Bluetooth</b> | Bluetooth 4.0, BLE |

## ENVIRONMENTAL SPECIFICATIONS

|                    |   |
|--------------------|---|
| <b>Temperature</b> | -20°C to +50°C (Operating), -40°C to +70°C (Storage)                |
| <b>Humidity</b>    | 5%RH - 95%RH non condensing   |
| <b>Drop Test</b>   | 4.9ft. drops to the concrete across the operating temperature range |

## UHF RFID

|              |  |
|--------------|--|
| Frequency    | 865-868 Mhz                                |
| Antenna      | Linear Polarized antenna (4dBi)            |
| Engine       | CM2000-1 module based on Impinj Indy R2000 |
| R/W Range    | > 15 m                                     |
| Reading Rate | 900+ tags/sec                              |

## OPTIONAL FEATURE

|         |          |
|---------|----------|
| Barcode | 1D & 2 D |
|---------|----------|

## ORDER INFORMATION

|             |           |
|-------------|-----------|
| Part Number | IDT.RH.R2 |
|-------------|-----------|

## 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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