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DDS®
Your Access to Innovative Ideas

RFID READER FOR ALL APPLICATIONS

The UHB - R2000 is RFID UHF Bluetooth® Reader designed with Impinj R2000 chip set to read and write to EPC Class 1 Gen 2 (ISO18000-6C) UHF transponders and communicate with Android smart phone via Bluetooth® wireless technology.

UHB- R2000 gives user the highest levels of performance, flexibility and simplicity of operation currently available in market today. The free Android app is preloaded with all ready to use functions for data collection including inventory by location, searching and exporting to excel format. This saves time and resources for Android application development.

What you get

1. RFID UHF Reader
2. Charger
3. USB cable
4. Android SDK

Applications:

Inventory
Automobile assembly line
Aviation MRO
Baggage tracking
Tracking of returnable good
Tracking serviceable part history
Railways MRO
Toll Stations

SPECIFICATIONS	
Model	UHB – R2000
Product	RFID UHF Bluetooth Sled Reader
RF Characteristics	
Frequency	India (EU) 865 – 868 MHZ
Reading Range	3~10m (According to Tag & Environment)
Antenna	Built in, 4dBi circular
RF Output	0-30dBm (±1dBm) adjustable
Air Protocols	ISO/IEC 18000-6B, ISO/IEC18000-6C / EPC C1G2
Special Feature	Compatible with Android smart phones
Color	Dual tone
Connectivity	Bluetooth V2.1+EDR/V3.0+HS/4.1
Physical Characteristics	
Dimensions	130mm(L)*83.5mm(W)*176mm(H)
Weight	0.4Kg
User Input (Buttons)	Function, Trigger, Bluetooth, Power
On request	
Environmental parameters	
Storage Temp.	-30℃～+65℃
Operating Temp.	-20℃～+55℃
Humidity	5% RH～95%RH (non-condensing)
Drop Test	1.2M Drop to concrete
Dust & Water Proof	IP53
Power Supply	
Battery Supply	3.7V 5000mAh Li-ion battery
Main Battery (Replaceable)	DC 5V adapter, follow local standards

DDS is leading manufacturer of RFID devices in India.

We design, develops and manufactures RFID hardware products for short and long-range

Our devices are field-proven and have been in operation for many years

www.danidatasystems.com

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