

# IDT RHLS-1

## LF-RFID134.2kHz



Bluetooth 4.0  
BLE



Small Form  
Factor



Shock Proof



LF RFID



OLED  
Display

IDT RHLS-1 is a light and handy portable RFID LF reader which is very convenient for use in reading the Animal RFID LF Ear tags and Injectable tags. The circular designed antenna is very efficient in detecting the LF tags quickly from the body of animal. It is used for livestock management, tracking and maintaining the animal data. Easily connected via Bluetooth and USB for data transfer with any smart device. Power is provided through 3 AA size rechargeable battery pack which provides optimum operating time for scanning the livestock. Battery is recharged by using the detachable USB cable with external wall adapter. RHLS-1 is assembled in a compact enclosure that is designed to be easy to hold and operate with either hand. Our reader confirms to ISO Standards 11784/11785 and reads both FDXB & HDX cattle ear tags at a nominal distance of 20cm. We provide RFID solutions for Animal Tracking, Animal Husbandry Information and Food Safety & Source Tracking Management.

### PHYSICAL PARAMETERS

<b>Frequency</b>	134.2 KHz
<b>Tag Format</b>	HDX, FDX-B (ISO 11784/85)
<b>Reading</b>	2*12mm Glass Tag > 05cm   30mm Ear tag > 25cm
<b>Reading Access Time</b>	<100ms
<b>Display</b>	128*64 High Brightness OLED
<b>Signal Indicator</b>	Buzzer
<b>Power</b>	3.7V DC or Rechargeable 3 AA Batteries
<b>Power Consumption</b>	Working : 0.9W Standby : 0.04W
<b>Storage Capacity</b>	20000 Time Stamp & EID
<b>Storage Time</b>	>20 years
<b>Communication</b>	USB 2.0, Bluetooth
<b>Weight</b>	300g
<b>Dimension</b>	28 x 15 x 5 mm
<b>Keyboard</b>	3 Keys

<b>Sound</b>	Beep
<b>Clock</b>	Digital
<b>Standby</b>	7 Days
<b>Continuous Working Period</b>	12 Hours

## ENVIRONMENTAL SPECIFICATIONS

<b>Temperature</b>	-10°C to +50°C (Operating), -30°C to +70°C (Storage)
<b>Humidity</b>	5% RH - 95% RH non condensing
<b>Protection</b>	IP 54

## ORDER INFORMATION

<b>Part No.</b>	IDT.RFR.LS.LF.M
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## APPLICATION AREA



Kennel Club



Livestock Farm



Animal Breeding Centre



Animal Husbandary



Veterinary Hospital



Animal Laboratory



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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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