

IDT RHLS-2

LF-RFID134.2kHz



Bluetooth 4.0
BLE



Shock Proof



LF RFID



OLED
Display

IDT RHLS-2 is a portable Stick Type RFID LF reader which is specially designed to use for identifying the Animals in their herd. It is very efficient in identifying a specific animal that is tagged by an RFID LF ear tag/injectable tag from a group of animals on the farm. Can be used for livestock management, tracking, and maintaining animal data. Easily connected via Bluetooth and USB port for data transfer. IDT RHLS-2 is an extremely rugged, portable handheld RFID scanning device that provides cable-free operation through its rechargeable 4 AA size battery pack. The reader conforms to the technical specification of ISO standards 11784 & 11785 including built-in wireless synchronization. It is designed with a larger display and high contrast OLED display screen that includes a battery level indicator, connection status indicator, and clock. The OLED also displays the RFID tag number, tag type, session, and total tag count. The scanning antenna coil is internally mounted in the forward end of the tube and is oriented for optimal read distance with an ear tag when the axis of the transponder is to be read in any relative orientation.

PHYSICAL PARAMETERS

| | |
|---------------------------|--------------------------------------|
| CPU | ARM (STM32) |
| Power Supply | 6V DC or 4 AA rechargeable batteries |
| Working frequency | 134.2 KHz |
| Data Communication | USB & Bluetooth |
| Screen Display | 128*64 Resolution OLED |
| System clock | Built-in |
| Buzzer | Built-in |
| Storage Capability | More than 10,000 Data Records |
| RFID standards | ISO 11784 / 5, FDX-B, HDX |
| Length | 75 cm |
| Diameter | 6cm |
| Colour | Yellow & Black |
| Weight | 500 gm |

| | |
|----------------------------------|---|
| Standby | 7 Days |
| Continuous Working Period | 12 Hours |
| Reading | 2*12mm glass tag>10cm Circular Ear Tag>30cm |
| Storage Time | >20 years |
| Reading Access Time | <100ms |

ENVIRONMENTAL SPECIFICATIONS

| | |
|----------------------------|-------------------------------|
| Work Temperature | -10 °C to 50 °C |
| Storage Temperature | -30 °C to 70 °C |
| Protection | IP 54 |
| Humidity | 5% RH - 95% RH non condensing |

ORDER INFORMATION

| | |
|-----------------|---------------------|
| Part No. | IDT.RFR.LS.LF.STICK |
|-----------------|---------------------|

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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