INFOCHIP

HF RFID Reader

Frequency : 13.56 MHz

Model : RDR-HF-BTDISP1

FCC # : A4O-EBTR01

Button

Battery Charge LED

Display

Mini USB charge port
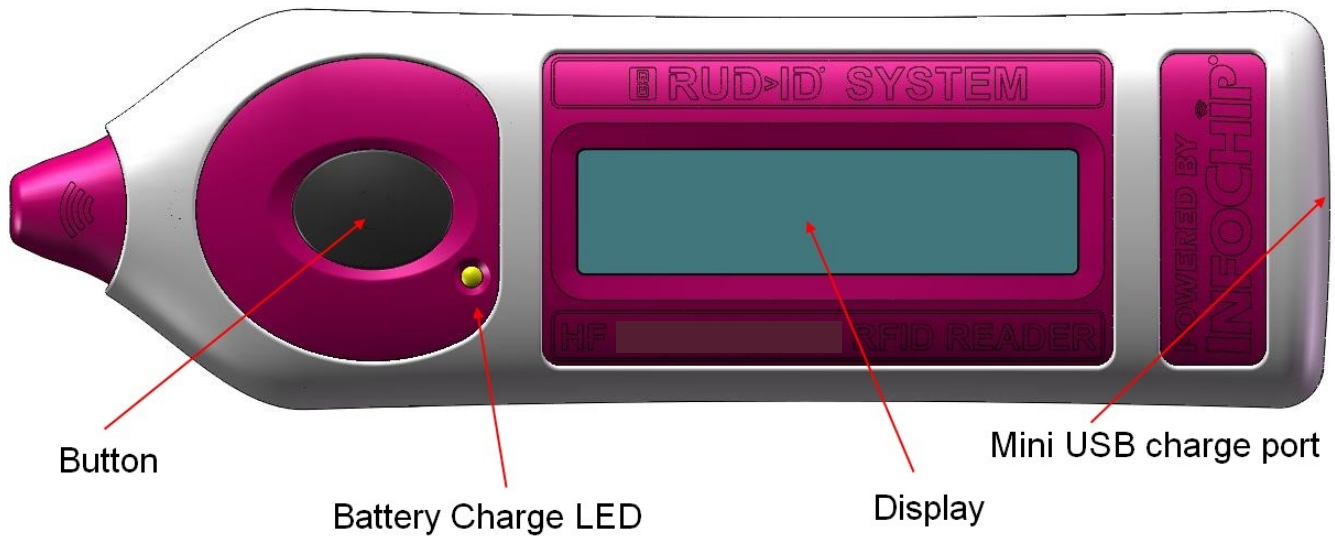
Introduction

The INFOCHIP Reader is a portable battery powered High Frequency Short Range RFID Reader. It has an integrated display to show RFID Serial number immediately after scanning.

Operation

Press and release the Button to start scanning. The Reader will scan for 10 seconds. Point Reader antenna directly and near RFID chip to scan.

```
Scanning...
```

When a RFID tag is detected the Reader will beep and show the serial number on the display.

Charging

The reader is battery powered and will eventually run out of power. The unit contains a mini USB port for charging. Just connect the attached cable to the Reader and plug into any computer/laptop or USB hub to charge the unit.

The battery charge LED indicates the following:

Battery Charge LED	Definition
Flashing Green	Charging
Solid Green	Fully charged
Flashing Red	Battery low warning

Main Menu

To enter the menu hold the button down for 5 seconds. Screen will display:

```
INFOCHIP    0.00
Battery    [    ]
```

Press the button to move through the different options

To exit the menu press the button until you get to the end of menu screen:

```
End of menu
Hold to exit
```

Press the button for 2 seconds at this screen to exit the menu.

Advanced Menu

To enter the advanced menu, first enter the main menu as above and then hold the button down for 8 seconds. You must be on the screen as shown above that displays INFOCHIP   0.00. After entering the advanced menu the screen will display something similar to:

```
fw=0.00 b=01
b=4115 ct=92
```

Press the button to move through the different advanced options.

Radio Test Mode

The device contains a radio test mode to facilitate RF testing. Normally the Reader will scan for 10 seconds and then turn off the radio. If radio test mode is enabled the Reader will scan until the battery fails.

To turn on radio test mode follow these steps:

- Enter the menu by holding down the button for 5 seconds

- Enter the advanced menu by holding down the button for 8 seconds

- Press the button 5 times to get to the radio test mode option:

```
Radio Turn OFF
Hold to change
```

- Hold the button down for 2 seconds to turn radio test mode ON

```
Radio Stay ON
Hold to change
```

- Now exit the menu by either:

> - waiting 30 seconds and the unit will exit the menu by itself

> - Press the button 1 more time to get to the End of menu screen. Hold down the button for 2 seconds to exit menu.

Now that radio test mode is enabled, pressing the button to start scanning will scan until the battery fails. After exiting the menu press the button.

```
Scanning...
```


Specifications

The unit is designed to operate over the temperature range of -20 to +60 degrees Celsius.

Warnings

<div align="center">CAUTION</div>

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

FCC Notices

This unit has been tested and found to comply with the limits for a Class B digital device as specified in Part 15 of the FCC rules. These limits provide reasonable protection against radio and TV interference in a residential area. However, your equipment might cause TV or radio interference even when operating properly. To eliminate interference, try one or more of the following corrective measures:

• Reorient or relocate the radio or TV

• Increase the distance between the equipment and the radio or TV

• Use outlets on different electrical circuits for the equipment and the radio or TV

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.