1. Package Contents

- LabScan Reader (URH-2)
- USB Charging Cable
- Quick Start Guide

2. Device Overview

- Scan Button: Powers the device, activates the microchip reader, and is used to adjust operating mode (Continuous/Triggered) and HID/Serial mode.
- Display Screen: Shows the microchip ID
- USB-C Port: Used for recharging the device as well as data transfer

3. Getting Started

Charging

Plug the USB cable into the charging port and connect it to a power source. If the device is powered on, the device will display "Charging…" and the current battery life.

Powering On

Press the Scan Button. The display will show the model and the version number when the device is operational.

Scanning a Microchip

1. Hold the device close to the applicable microchip (within 3-4 cm). The maximum range is 7-8 cm.
2. Press the Scan Button. "Scanning…" should appear.
3. When a successful read is obtained, the reader will vibrate and show the microchip ID, temperature (if using a temperature microchip), and provisioned data (if using a programmed microchip) on the Display Screen.

4. Advanced Functionality

Read Modes (Continuous/Triggered)
The reader can operate in 2 distinct modes

- **Triggered Read** (default) - Press the Scan Button and the reader will attempt to read an RFID

- **Continuous Read** - Turning on the device will immediately triggered repeated scan cycles (significantly affects battery life)

To toggle between Continuous Read and Triggered Read mode, **press and hold the Scan Button for 7 seconds**. When the display changes, release the button.

Output Modes (PC)
The URH-2 can output data to a PC in two modes

- **Serial** (default) - Reader can be connected to a serial terminal such as TeraTerm or PuTTY. Default Settings 38400, 8N1, No Parity

- **HID Keyboard** - Reader acts as a keyboard, typing the output into the current location of the cursor.

To toggle between HID Keyboard and Serial modes, **press and hold the Scan Button for 10 seconds**. When the display changes, release the button.

5. Troubleshooting

- No Display/Doesn't Power On: Check if the device is charged.

- No Microchip Detected: Ensure the device is near the microchip implantation site. Try scanning at a slightly different angle. Keep reader and tag away from metal surfaces, as they can interfere with the reader.

6. Care and Maintenance

- Clean the device with a soft, dry cloth.

- Do not submerge in water.

- Store in a cool, dry place when not in use.

7. Technical Specifications

Model	URH-2
Microchip Compatibility	Any UID RFID Transponder
Battery Life	5 hours of continuous read time
Charging Time	~1.5 hours with USB-C Compliant Charge
Operating Temperature	0°C-60°C
Warranty	1 year

8. Customer Support

For assistance, contact Unified Information Devices at:

- Phone: 224.444.8484

- Email: support@uidevices.com

- Website: https://www.uidevices.com/

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