



# UHA-800 Handheld Reader

Model UHA-800 HANDHELD READER · Brand: Identium



A trigger-grip UHF RFID reader that pairs with a phone, tablet or PC over Bluetooth or USB Type-C, reads tags at 0–8 m on an Impinj Indy R2000 chip and runs about 8 hours per charge.

## KEY FEATURES

- **Impinj Indy R2000 reader chip, 0–8 m read range**
- **RF power adjustable 0–30 dBm, 4 dBi circular antenna**
- 5,000 mAh battery for about 8 hours of continuous work
- Bluetooth (10 m or more) and USB 2.0 Type-C with fast charging
- Works with iOS and Windows; HID keyboard emulation
- 1D laser or 2D imager barcode scanner

## APPLICATIONS

Warehouse stock counts

Retail stocktaking

Asset verification

Goods-in checks

Temperature sensor tag reads

## SPECIFICATIONS

|                  |                                                                                           |
|------------------|-------------------------------------------------------------------------------------------|
| Chip             | Impinj Indy R2000                                                                         |
| Protocol         | ISO/IEC 18000-6B, ISO/IEC 18000-6C, EPC C1 Gen2 (C2 Gen2 optional)                        |
| Read range       | 0–8 m, depending on tag and environment                                                   |
| RF output        | 0–30 dBm ( $\pm 1$ dBm), adjustable                                                       |
| Antenna          | 1 × 4 dBi, circularly polarised                                                           |
| Reader functions | Match reading, data filtering; temperature and humidity sensor tag reading (customisable) |
| Interface        | Bluetooth 2.0 / 2.1 + EDR (10 m or more); USB 2.0 Type-C                                  |
| Compatible with  | iOS, Windows; HID keyboard emulation                                                      |
| Barcode          | 1D laser or 2D imager                                                                     |
| Controls         | Trigger, function, Bluetooth and power buttons                                            |
| Indicators       | Bluetooth, power, mode and status LEDs; speaker                                           |

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| Battery               | 3.7 V 5,000 mAh Li-ion, about 8 hours continuous use |
| Power                 | DC 5 V adapter; fast charging over USB Type-C        |
| Dimensions            | 130 × 83.5 × 176 mm (L × W × H)                      |
| Weight                | 0.4 kg                                               |
| Operating temperature | -20 °C to +55 °C                                     |
| Storage temperature   | -30 °C to +70 °C                                     |
| Humidity              | 5–95% non-condensing (at +25 °C)                     |