UHF RFID · 865–868 MHZ · HANDHELD KEYBOARD SCANNER

UBR90H

Scan a UHF tag and its number types into Excel, an ERP or a web form. No driver.

EPC Gen2 | HID keyboard | BLE + 2.4G dongle | 0.9-inch OLED | 128 reads offline

Tag numbers straight into your software.

The **Identium UBR90H** is a compact handheld UHF RFID scanner that reads EPC Gen2 (ISO 18000-6C) tags at up to 35 cm, item by item, and types each tag number into whatever field has focus, as a keyboard would. It is plug and play, with no driver or app to install.

Connect it over Bluetooth LE, through the 2.4G USB dongle provided, or with a USB cable, to Windows, Android, Linux or iOS devices. A 0.9-inch OLED shows the tag type, tag ID and battery, and offline mode stores up to 128 records for upload over USB.



35 cm
Read range, up to

HID
Keyboard output, no driver

3 ways
BLE, 2.4G dongle, USB

128
Records stored offline

0.9 in
High-brightness OLED

WHAT IS INSIDE

Read, type and check in one scanner

READ
UHF at close range

- 865–868 MHz, EPC Gen2 / ISO 18000-6C
- Up to 35 cm, item by item
- On-metal UHF tags for metal assets
- Scan button for each read

TYPE
HID keyboard output

- Plug and play: no driver, no app
- Tag number goes into the field with focus
- Excel, ERP screens and web forms
- Windows, Android, Linux and iOS

CHECK
Screen and memory

- 0.9-inch high-brightness OLED
- Shows tag type, tag ID and battery
- Offline mode: up to 128 tag records
- Upload offline records over USB

WHERE IT WORKS

Where items are keyed in by hand

Goods-in
Check items at the inward desk

Asset check-in
Asset desks and verification

Library desks
Library and records counters

Billing counters
Stock and billing desks

Warehousing
Logistics item checks

Fixed assets
Verify against the register

HOW IT WORKS

From tag to the field that has focus

UHF tag
EPC Gen2 tag on the item, up to 35 cm away

→

UBR90H
UHF KEYBOARD SCANNER
- Press scan to read one tag
- Show tag type and ID on the OLED
- Type the tag number as a keyboard
- Or store it offline, up to 128

→

BLE, 2.4G or USB
Bluetooth LE, the 2.4G USB dongle provided, or a USB cable

→

Your software
Excel, an ERP screen or a web form: nothing to install

No integration project
The UBR90H works as a keyboard, so the software you already use receives tag numbers with no driver, app or SDK.

WHY THE UBR90H

Built for counters and check-in desks

Nothing to install
Plug and play HID keyboard: no driver, no app. Tag numbers land in the field that has focus.

Three ways to connect
Bluetooth LE, the 2.4G USB dongle provided, or a USB cable, for a phone, tablet or desk PC.

Works across platforms
As a keyboard it works with Windows, Android, Linux and iOS devices.

Reads the item in front
Up to 35 cm, so it reads the item in front of it and leaves the rest of the shelf out.

Confirm before moving on
The OLED shows tag type, tag ID and battery status, and is readable in strong light.

Offline mode
Away from the desk it stores up to 128 tag records; upload them over USB back at the computer.

Real time when connected
Over 2.4G or Bluetooth, each read is sent as it happens.

Straight into Excel
Tag numbers go into spreadsheet cells, so checks start in the tools staff already use.

TAGS AND AIR INTERFACE

What it reads, and how close

ITEM	DETAIL	UBR90H
Air interface	EPC Gen2 / ISO 18000-6C	Read
Frequency	865–868 MHz (India UHF band)	Supported
Tags	Passive UHF labels and tags for 865–868 MHz	Up to 35 cm
Metal assets	On-metal UHF tags	Recommended

Read range depends on the tag, its size and what it is fixed to.

AT A GLANCE

- Types tag numbers as a keyboard: no driver or app
- Bluetooth LE, 2.4G USB dongle or USB cable

IN THE BOX

- UBR90H handheld UHF scanner
- 2.4G USB dongle

ORDERING

UBR90H	UHF Bluetooth keyboard scanner, 865–868 MHz.
UBR90H-EVK	Evaluation kit: scanner and dongle with a sample pack of UHF RFID labels.

SPECIFICATIONS

Technical data

RF AND TAGS	
Frequency	865–868 MHz (India UHF band)
Protocol	EPC Gen2 / ISO 18000-6C
Read range	Up to 35 cm, item by item (depends on tag)
Controls	Scan button

DISPLAY AND MEMORY	
Display	0.9-inch high-brightness OLED: tag type, tag ID, battery
Offline memory	Up to 128 tag records, uploaded over USB

INTERFACE	
Output	HID keyboard emulation, plug and play, no driver
Wireless	Bluetooth LE; 2.4 GHz with USB dongle (provided)
Wired	USB cable
Hosts	Windows, Android, Linux and iOS (as a keyboard)
Software	None needed: works as a keyboard

WHICH CLOSE-RANGE READER?

UBR90H, UBR12 or ID-UBRS100

	UBR90H	UBR12	ID-UBRS100
Read range	Up to 35 cm, item by item	About 10–15 cm	Up to 1 m
Output	Types tag numbers as a keyboard	Bluetooth API for your own app	Virtual keyboard or your own app
Connection	Bluetooth LE, 2.4G USB dongle or USB cable	Bluetooth 3.0 EDR + 4.0 BLE; micro USB	Bluetooth
Works with	Windows, Android, Linux, iOS (as a keyboard)	PC and Android	Android and iOS phones and tablets
Offline records	128, uploaded over USB	100, uploaded over Bluetooth	Offline batching in your own app
Best for	Keying item tags into Excel or an ERP	Quick single-tag checks	Phone-based shelf counts

PRODUCT VIEWS

The UBR90H



Try it on your own items.

Ask for a quotation with the quantity you need, and tell us the software your staff type item codes into, so we can confirm the UBR90H fits your desk.

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Read range depends on the card or tag, its size and the environment. Specifications are indicative and may change without notice; confirm details for your order in the quotation.