

# Delock Ring Barcode Scanner 1D and 2D with 2.4 GHz or Bluetooth

## Description

This ring barcode scanner by Delock can be wirelessly connected to a PC, laptop or directly to a mobile phone or tablet. All common **1D and 2D barcode types** can be precisely captured even at long distances. Additionally, the scanner recognizes barcodes displayed on displays and monitors.

### Automatic adaptation to ambient brightness

The scanner automatically adapts to the ambient brightness and captures up to 100 scans per second under optimal lighting conditions.

In low ambient brightness, the barcode is illuminated by an **additional white LED** and can therefore also be used in poor lighting conditions.

### Small and practical

This small ring scanner can be practically attached to the finger with the **hook-and-loop fastener**, so that the wearer has his hands free, for example in order to hold a cardboard box. Thanks to the **rotation possibility**, the scanner can be rotated and is thus suitable for both **right- and left-handed** people.

### Transmission via Bluetooth, USB or 2.4 GHz

The data transfer of the scanned barcodes is done either via Bluetooth directly with the Bluetooth capable output device or via the 2.4 GHz frequency band using the included USB dongle. Alternatively, the scanner can be connected to the computer with the included USB cable.

## Note

Not suitable for Swiss QR Codes.

## Technical details



**Item no. 90508**

EAN: 4043619905089

Country of origin: China

Package: Box

- Connector: 1 x USB Type Micro-B female
- Decoding chip: ARM Cortex 32 Bit
- Rechargeable battery: Li-Polymer battery 380 mAh
- Resolution: 1280 x 800
- Trigger: scan button
- Reading distance: ca. 30 mm to 300 mm
- Reading accuracy: 4 mil
- Internal memory: 16 MB
- Light colour: visible LED red
- Compensation light: LED white
- Sensor: CMOS image sensor
- Scan rate: up to 100 scans per second
- Angle of pitch: 360°
- Surrounding brightness: max. 10000 Lux
- Input voltage: 3.3 V
- Current consumption:
  - operation: max. 200 mA
  - standby: max. 125 mA
- Operating temperature: -10 °C ~ 60 °C
- Storage temperature: -40 °C ~ 70 °C
- Relative humidity: 5 - 90 % (non condensing)
- Colour: black
- Weight: ca. 39 g
- Dimensions (LxWxH): ca. 48 x 48 x 20 mm
- Cable length without connectors: ca. 1 m
- Bluetooth standard V 4.1
- 2.4 GHz
- Scancodes:
  - Codabar
  - Code 128
  - Code 39
  - Interleaved 2 of 5
  - EAN-8 / EAN-13
  - ISBN - 13
  - Data Matrix
  - Micro PDF417
  - Micro QR
  - PDF417
  - QR Code

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## System requirements

- Android 9.0 or above
- iPad Pro (2018)
- Mac OS 10.15.5 or above
- Bluetooth standard 4.1 or above
- PC or laptop with a free USB Type-A port for dongle
- Windows 8.1/8.1-64/10/10-64

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## Package content

- Barcode scanner
- USB 2.4 GHz dongle
- USB charging cable
- User manual
- protective cover

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## Images



## Interface

|              |                             |
|--------------|-----------------------------|
| Connector 1: | 1 x USB Type Micro-B female |
|--------------|-----------------------------|

## Technical characteristics

|                        |  |
|------------------------|--|
| Storage temperature:   | -40 °C ~ 70 °C   |
| Operating temperature: | -10 °C ~ 60 °C   |
| Current consumption:   | Betrieb: 200 mA<br>Standby: 125 mA   |
| Resolution:            | 1280 x 800 pixel   |
| Scan rate:             | 100 Scans pro Sekunde  |
| Trigger:               | scan button  |
| Reading distance:      | 30 mm - 300 mm   |
| Sensor:                | CMOS Bildsensor  |
| Scancodes:             | EAN-8<br>EAN-13<br>Interleaved 2 of 5<br>Codabar<br>Code 128<br>PDF417<br>DataMatrix<br>QR Code<br>Micro QR Code<br>Micro PDF417<br>ISBN - 13<br>Code 39 |
| Supported languages:   | German<br>English<br>French<br>Spanish<br>Italian<br>Japanese  |

## Physical characteristics

|               |       |
|---------------|-------|
| Cable length: | 1 m   |
| Colour:       | black |