

# Delock Ring Barcode Scanner 1D and 2D with 2.4 GHz or Bluetooth (2 pieces) + Charging Station

## Description

This set by Delock consisting of two ring barcode scanners and a charging station, can be connected wirelessly 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.

**Item no. 90610**

EAN: 4043619906109

Country of origin: China

Package: Box

## 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.

## Wireless Charging

The ring scanner can be charged either **via the USB Type-C™** port or using the **inductive charging function** in the scanner itself. For example, with the Delock charging station 90608.

## Note

- Power supply via USB (power supply not included)
- Not suitable for Swiss QR Codes.

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## Specification

- Scanner:
- Connector: 1 x USB Type-C™ 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
- Range:
  - indoor area: up to 10 m
  - outdoor area: up to 10 m
- Internal memory: 16 MB
- Charging time: ca. 2 hours
- LED indicator for charging, Bluetooth connection and power
- Light colour: visible LED red
- Compensation light: LED white
- Sensor: CMOS image sensor
- Scan rate: up to 10 scans per second
- Angle of pitch: 360°
- Surrounding brightness: max. 10000 Lux
- Input voltage: 3.3 V
- Current consumption:
  - operation: max. 10 mA
  - standby: max. 30 mA
- Operating temperature: -10 °C ~ 60 °C
- Storage temperature: -40 °C ~ 70 °C
- Relative humidity: 5 - 90 % (non condensing)
- Colour: black
- Weight: ca. 40 g
- Dimensions (LxWxH): ca. 53 x 37 x 24 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

- Supported languages:

German

English

French

Italian

Spanish

Swiss German

Swiss French

Hungarian

Charging cradle:

- Connector: 1 x USB Type-C™ female
- Input voltage: 5 V
- Charging power: max. 5 W
- Frequency range: 100 - 200 kHz
- Transmission power: max. 5 W
- 2 x LED for power
- Anti-Slip base
- Average active efficiency 50.00 %
- Efficiency at low load (10 %) 40.00 %
- No-load power consumption 0.15 W
- Operating temperature: -15 °C ~ 50 °C
- Storage temperature: - 10 °C ~ 40° C
- Relative humidity: 0 - 62 % (non condensing)
- Colour: black
- Weight: ca. 140 g
- Dimensions (LxWxH): ca. 115 x 68 x 22 mm

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## System requirements

- Android 11.0 or above
- Chrome OS
- iPad Pro (3rd Generation) or above
- iPad Air (4th Generation) or above
- Mac OS 12.4 or above
- Bluetooth standard 4.1 or above

- PC or laptop with a free USB Type-A port for dongle
- Windows 10/10-64/11

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## Package content

- 2 x barcode scanner
- 2 x USB 2.4 GHz dongle
- 1 x USB charging cable
- 1 x charging cradle
- User manual

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## Images



## Interface

|              |                        |
|--------------|------------------------|
| Connector 1: | 1 x USB Type-C™ female |
|--------------|------------------------|

## Technical characteristics

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage temperature:   | -40 °C ~ 70 °C                                                                                                                                           |
| Operating temperature: | -10 °C ~ 60 °C                                                                                                                                           |
| Current consumption:   | operation: 100 mA<br>Standby: 30 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>Schweizer Deutsch<br>Schweizer Französisch<br>Hungarian                                             |

## Physical characteristics

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