

# Delock Industrial Barcode Scanner 1D and 2D for 433 MHz or Bluetooth with inductive charging station

## Description

This 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 120 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.

### Sturdy processing

Due to its sturdy design, the scanner can easily absorb **falls up to 1.80 m** and is therefore ideally suited for use in industrial environments.

### Charging station acts as interface

The data transfer of the scanned barcodes is done either via **Bluetooth** or via the **433 MHz frequency band**. In addition to charging the hand scanner, the scanner's **inductive charging station** also functions as a 433 MHz interface and is connected to the system via a USB cable.

## Note

Not suitable for Swiss QR Codes.

## Technical details

- **Charging station**
- Connector: 1 x USB 2.0 Type-A male
- Input voltage: 5 V



**Item no. 90586**

EAN: 4043619905867

Country of origin: China

Package: Box

- Current consumption:
  - operation: max. 1100 mA
  - standby: max. 700 mA
- Operating temperature: -20 °C ~ 50 °C
- Storage temperature: -40 °C ~ 70 °C
- Relative humidity: 5 - 95 % (non condensing)
- Colour: black
- Weight: ca. 295 g
- Dimensions (LxWxH): ca. 180 x 100 x 75 mm
- Cable length without connectors: ca. 1.25 m
- Bluetooth standard V 4.1
- 433 MHz

#### **Barcode scanner**

- Decoding chip: ARM Cortex 32 Bit
- Rechargeable battery: Li-Polymer battery 1800 mAh
- Resolution: max. 1280 x 800
- Trigger: scan button
- Reading distance: ca. 30 mm to 500 mm
- Reading accuracy: 3 - 4 mil
- Range:
  - Bluetooth: up to 10 m
  - 433 MHz: up to 100 m
- Internal memory: 16 MB
- Scan type: LED
- Light colour: visible LED red
- Compensation light: LED white
- Sensor: CMOS image sensor
- Scan rate: up to 120 scans per second
- Scan angle: 55°
- Surrounding brightness: max. 100000 Lux
- Input voltage: 5 V
- Current consumption:
  - operation: max. 220 mA
  - standby: max. 20 mA
- Operating temperature: -20 °C ~ 50 °C
- Storage temperature: -40 °C ~ 70 °C
- Relative humidity: 5 - 95 % (non condensing)
- Colour: black / yellow
- Weight: ca. 321 g
- Dimensions (LxWxH): ca. 185 x 100 x 80 mm
- Scancodes:
  - Code 128
  - Code 39

Interleaved 2 of 5  
EAN-8 / EAN-13  
ISBN - 13  
Data Matrix  
Micro PDF417  
Micro QR  
PDF417  
QR Code

---

## System requirements

- Android 11.0 or above
- Bluetooth standard 4.1 or above
- iPad Pro (3rd Generation) or above
- Mac OS 11.6 or above
- Windows 8.1/8.1-64/10/10-64/11
- PC or laptop with a free USB Type-A port for dongle

---

## Package content

- Barcode scanner
- Charging cradle
- User manual

---

## Images



### Technical characteristics

|                         |   |
|-------------------------|---|
| Operating temperature:  | -20 °C ~ 50 °C  |
| Current consumption:    | operation: 220 mA<br>Standby: 20 mA   |
| Resolution:             | 1280 x 800 pixel  |
| Scan rate:              | 120 scan per second   |
| Trigger:                | scan button   |
| Reading distance:       | 30 mm - 500 mm  |
| Sensor:                 | CMOS Bildsensor   |
| Scancodes:              | EAN-8<br>EAN-13<br>Interleaved 2 of 5<br>Codabar<br>Standard Code 39<br>Full ASCII Code 39<br>Code 128<br>MSI Plessey Code<br>PDF417<br>DataMatrix<br>QR Code<br>Micro QR Code<br>Micro PDF417<br>ISBN - 13 |
| Surrounding brightness: | 100000 Lux  |

### Physical characteristics

|         |              |
|---------|--------------|
| Weight: | 321 g        |
| Length: | 185 mm       |
| Width:  | 80 mm        |
| Height: | 100 mm       |
| Colour: | black-yellow |