DIGITUS®

2D Desktop USB Barcode Scanner

Quick Installation Guide

DA-81005

1. Introduction

The 2D barcode scanner from DIGITUS® with high-resolution and motion-independent CMOS sensor allows fast and accurate scanning of static and non-static barcodes. Suitable for checkout areas in pharmacies, supermarkets and other retail facilities. Detects printed QR codes and QR codes displayed on screens (e.g., e-wallet). With 200 scans per minute, this bidirectional scanner delivers the best results. Suitable for one and omni-dimensional barcodes such as bar codes and QR codes. The scanner is also capable of reading QR codes from displays, ideal for scanning QR codes for mobile pay. Each scan is confirmed with visual and audible signals, supporting the most common types of encodings. Large scan angles further accelerate barcode recognition.

2. Product Features

- Precise scanning of high-resolution 1D & 2D barcodes (barcodes / QR codes)
- 200 scans per minute, bidirectional for reliable recognition, successful code recognition is confirmed by a light and audio signal.
- Reads barcodes on screens – ideal for payment via smartphone / QR code (e.g., e-wallet).
- Ideal for retail, logistics and business of all kinds
- Anti Inference: External light sources have no influence on the scan.
- Integrated infrared sensor automatically activates the scanner when a barcode is held in the scanning area.
- Compact design with swiveling head, creates space on the cashier's desk

3. Package Content
- 1x 2D barcode scanner with USB cable 1.4m
- 1x QIG

4. Product Diagram

1 Scan window
2 reading LED

5. Specification

2D & 1D Scan	Barcodes & QR codes on paper or displays
Power consumption	5V DC, 235mA
Power supply	USB
Scan type	Image capture
Sensor	CMOS
CPU	ARM 32-Bit Cortex
Interface	USB
Trigger	Automatic
Error rate in bits	1/5 million, 1/20 million

Resolution	1D: ≥4mil, 2D: ≥ 10mil
Scan width	10 cm
Number of scans	200 per min
Depth of field	3.3 mil @ 2 mm-100 mm, 10 mil @2 mm-350 m; 15.6 mil @ 5 mm - 600 mm; 35 mil @ 10 mm-1000 mm
Scan angle	Angle of rotation ±360°, angle of inclination ± 60°, angle of declination ± 60°
Decoding	**1D:** Codabar, Code 39, Code 32 Pharmaceutical (PARAF), Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight, 2 of 5 Industrial, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code 128, GS1-128, UPC-A, UPC-E,EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar, Expanded, China Post(Hong Kong 2 of 5), Korea Post.
	2-D: DOT Code, Codeblock A, Codeblock F, PDF417, Micro PDF417, GS1 Composite Codes, QR Code, Data Matrix, MaxiCode, Aztec, HANXIN
Compatibility	Compatible with Windows / Android / iOS / Mac / Linux
Plug and Play	Plug and Play – no additional drivers required

6. Getting started

Switch off the PC and connect the USB plug to a free USB port, switch on the PC again.

Connecting and transmitting schemes

USB connection

Connecting the computer and scanning **"USB Keyboard"** barcode, you can configure the device for USB keyboard mode.

USB Keyboard

Active Factory Defaults

Scanning the **"Active Factory Defaults"** barcode below will default the device to its factory condition.

Active Factory Defaults

Function configuration

Configure carriage return (CR), line feed (LF)

Add CR suffix

Clear CR suffix

Add CR suffix and LF suffix

Clear CR suffix and LF suffix

7. Troubleshooting

7.1 Power failure
First check the host device whether it is properly powered;
Secondly check the USB cable whether it connect properly.

7.2 Scan once, no light and no scanning
Check if the device connection is stable (the blue colored light always on).

7.3 Transmission failure
1. Connection check: Please make sure the connection between the scanner and the terminal is successful. If successfully, the power-on tone will be heard.
2. Transmission check: Please scan the sample code below. If the sample code is transmitted, please go to S3. If the sample code is not transmitted but there is a decoding tone, go to S4. If the sample code is not transmitted and there is no decoding tone, please contact technical support.
3. Barcode check: Pease rescan the same type of barcode without defacement I transmitted it's due to defacement. If not, please contact technical supporter.
4. Transfer software check: Please open the text file and serial port transmission tools. If there is output in one of these tools, please refer to the 3.1 USB connection section in this manual for the configuration of what you need. If there is no output, please contact technical supporter.

12345

8. The Language Settings

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English

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German

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Swiss German

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French

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Swiss French

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Italian

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Spanish

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Turkish_F

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Turkish_Q

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