2D Barcode Hand Scanner
QR-Code Compatible



Digital Product Passport:

Scan the QR-Code for manuals, declaration of conformity and other documents

https://dpp.digitus.com/4016032473640

Quick Installation Guide

DA-81002 Rev. B

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Introduction

The DIGITUS® 2D Barcode Scanner operates reliably and economically. Its ergonomic design makes it easy to handle, an excellent choice for a wide variety of working environments such as retail, logistics and commerce of all kinds. With 200 scans per minute, this bidirectional scanner delivers ideal results. The hand scanner is suitable for one- and two-dimensional high-resolution codes such as barcodes or QR codes. The scanner is also able to read QR codes from displays, ideal for scanning QR codes for mobile payment. Each scanning process is confirmed with visual and auditory signals and the scanner supports the most popular code types. Wide scan angles ensure even faster barcode detection. The scanner is dust-protected and water-resistant, impacts are absorbed by the silicon cover to protect against damage.

Product Features

- Precise scanning of 1D & 2D barcodes (barcodes / QR codes)
- High resolution: Scans high-resolution barcodes
- 200 scans per minute, bidirectional for reliable detection
- Suitable for one- and two-dimensional barcodes
- Reads barcodes on screens – Ideal for payment via smartphone/QR code
- Dust-protected and water-resistant (IP54)
- Ideal for retail, logistics, and commerce of all kinds
- Plug and Play – No additional driver necessary
- Silicon cover absorbs impacts and protects against damage
- Anti-interference: External light sources have no influence on the scan

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Package Content

- 1 x 2D Barcode Hand Scanner, QR-Code Compatible
- 1 x Bracket Holder
- 1 x USB to RJ45 cable, 2m
- 1 x QIG



Safety Precautions

- DO NOT stare directly into the LED light. Do not look directly or with optical instruments into the light.
- DO NOT expose the scanner to any flammable sources.
- Under no circumstances, internal components are self-serviceable.
- For AC power adapter, a socket outlet should be installed near the equipment and shall be easily accessible. Make sure there is stable power supply for the scanner or it's peripherals to operate properly.

Care & Maintenance

- Use a clean cloth to wipe dust off the scanning window and the body of the scanner. DO NOT use/mix any bleach or cleaner.
- Keep the scanner away from any magnets and magnetic fields to prevent the laser engine from malfunctioning.
- If finding the scanner malfunctioning, write down the specific scenario and consult the local sales representative.

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Product Diagram



1 Scan window
2 Anti-drop silicone
3 RJ45 connection
4 Indicator light

Specification

DIGITUS® Model	DA-81002
Support OS:	Windows, Android, IOS, Linux
Interface Support:	USB
Cable length:	2 meters
Electrical parameter:	DC 3.3-5V, 120mA, idle 1μA
Scanning type:	Area imaging
Sensor:	CMOS array sensor
CPU:	ARM 32-bit Cortex
Light source:	LED (CMOS)
Trigger Mode:	Handheld / Continuous / Auto-Induction
Auto -Induction interval time:	1 second

Trigger/ Auto-Induction switching time:	for 2D scanner, needs to scan the setting barcode on user manual to transfer from auto induction mode to trigger mode.
Indication:	Buzzer & Indicator lamp
Printing Contract:	≥25%
Decoding speed:	200 scans/sec
Resolution:	1D: ≥5mil 2D:≥ 10mil
Bit error rate:	1/5millon ,1/20million
Scanning width:	10cm
Depth of field:	EAN-13: 4.0~20.0cm (13mil) Code128: 4.5 ~ 25.0cm (15mil) QR Code: 4.0 ~ 18cm (15mil)
Scanning angle:	roll angel 360°, inclination ± 60°, deflection ± 60°
Anti inference:	Direct indoor light source
Decoding capability:	**1D:** GS1 Data Bar, GS1-128, ISSN, MSI, Industrial 2 of 5, JAN-8, JAN-13, EAN-128, Code 32, IATA, ITF, ITF-14, Matrix 2 of 5, ITF-6,Rss limited, Rss Expanded, Deutsche 12, Industrial 25, Code 128, Codabar, UPC, CODA BAR, Code 39, Code 93, BIGCODE, EAN 8, EAN 13 **2D:** PDF417, QR code, Datamatrix.
Housing Material:	ABS+PC
Working times of button:	500,000 times
IP grade:	IP54
Working Temperature:	0°F-120°F/-20°C- 50°C
Storage Temperature:	-40°F-160°F/-40°C- 70°C
Relative Humidity:	5%-95%(Non-condensing)
Weight:	110g
Dimensions:	16.5 x 6.3 x 8.7cm

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Bar code scanner Settings

1. System setting



Restore the factory settings

2. Interface Settings



USB serial interface output



USB PC keyboard (default)

3. Baud rate Settings



1200bps



4800bps



9600bps (default)



14400bps



19200bps



38400bps



57600bps



115200bps

4. Read modes



Manual mode (default)



Continuous mode



Auto sense mode

5. Indication voice of successful



Open the voice (default)



Close the voice

6. The Language Settings



English (default)



Čeština



French



German



Hungarian



Italian



Japanese



Spanish

Swiss French

Swiss German

Swiss Italian

The complete EU Declaration of Conformity can be found at the following link:
https://dpp.digitus.com/4016032473640