

## Docooler T97

# Docooler T97 USB Hands-Free 1D 2D Barcode Scanner User Manual

Model: T97

## INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Docooler T97 USB Hands-Free Barcode Scanner. Please read this manual carefully before using the device to ensure proper functionality and to maximize its lifespan. This scanner is designed for efficient and accurate reading of both 1D and 2D barcodes in various retail and inventory environments.

## PRODUCT OVERVIEW

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*Image: Front view of the Docooler T97 USB Hands-Free Barcode Scanner. This white scanner features a black base and a scanning window with a blue indicator light.*

The Docooler T97 is a versatile, hands-free barcode scanner designed for convenience and efficiency. It features an optical image sensor capable of accurately capturing 1D and 2D barcodes from various surfaces, including printed labels, paper, and digital screens (mobile phones, computers). Its compact design allows for placement in limited counter spaces, and it supports both desktop and wall-mountable configurations.

## SETUP INSTRUCTIONS

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### 1. Connecting the Scanner

1. Unpack the Docooler T97 barcode scanner and its USB cable from the packaging.
2. Locate the USB interface port on the back of the scanner.
3. Insert the square end of the provided USB cable into the scanner's USB port.
4. Connect the rectangular end of the USB cable to an available USB port on your computer or host device.
5. The scanner is plug-and-play; no additional drivers are typically required for most operating systems (Android, Apple, Microsoft).



Image: Close-up view of the USB interface on the Docooler T97 scanner, showing the connection point for the USB cable.

## 2. Positioning the Scanner

- Place the scanner on a stable, flat surface where barcodes will be presented.
- The scanner features an anti-slip footpad on its base to ensure stability during operation.
- For space-saving, the scanner is also wall-mountable. Securely attach it to a wall using appropriate mounting hardware (not included) if desired.



## ANTI-SLIP FOOTPAD

Stay steady & shockproof  
material & bottom anti-slip pad



## USB INTERFACE

Plug and play, easy to use, 1.5m cable

*Image: Underside view of the Docooler T97 scanner, highlighting the anti-slip footpads for stable placement.*

## OPERATING INSTRUCTIONS

### 1. Automatic Scanning

- Once connected, the scanner enters an automatic scanning mode.
- Simply present a barcode within the scanning window. The scanner will automatically detect and read the barcode.
- The scanning window is designed for a wide angle and a scan distance of 0-10cm for optimal performance.



## LARGE SIZE WINDOW

Large scale scan



Wider angle

Scan distance 0-10cm



## SCAN ANGLE DESIGN

Ergonomic angle



Accurate scan

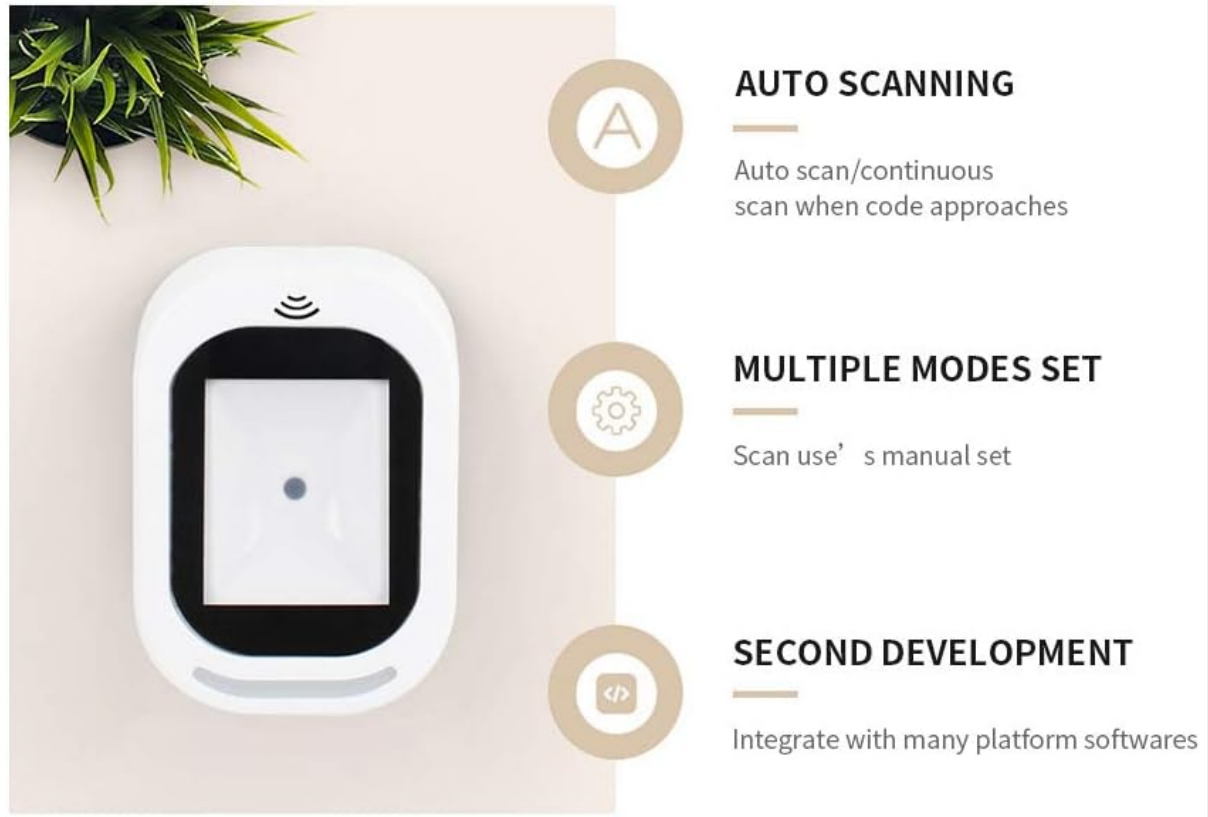
Innovative 90 degree

*Image: Diagram illustrating the large scan window and ergonomic 90-degree scan angle design of the Docooler T97 scanner, indicating a scan distance of 0-10cm.*

## 2. Scanning Feedback

- Upon a successful scan, the blue indicator light on the scanner will illuminate, and an audible beep will confirm the read.
- Ensure the blue light is on for correct scan confirmation.

# Multifunctional Scanner



*Image: Visual guide showing scanning tips (blue light and beeps for successful scanning) and the wall-mountable design of the Docooler T97 scanner.*

## 3. Supported Barcode Types

The scanner supports a wide range of 1D and 2D barcode symbologies:

- **1D Codes:** Code 39, Code 32, Code 128, UPC/EAN/JAN, Code 93, Interleaved 2 of 5, Codabar, Matrix 2 of 5, Industrial 2 of 5, China Post (Hong Kong 2 of 5), NEC 2 of 5, Code 11, MSI Plessey, GS1 Data Bar (RSS), Korea Post, Trioptic Code39, GS1 Composite Code, Telepen.
- **2D Codes:** QR Code, Data Matrix, PDF417, MicroPDF417, Aztec Code, Codablock, MaxiCode, Chinese Sensitive Code.



*Image: The Docooler T97 QR Code Scanner on a desk, actively scanning a QR code displayed on a mobile phone, demonstrating its use for mobile payments or similar applications.*

#### 4. Advanced Features

- **Auto Scanning:** Continuous scan when a code approaches the scanning window.
- **Multiple Modes Set:** Configuration options may be available through specific barcode settings in the user's manual (refer to the included physical manual for detailed programming barcodes).
- **Second Development:** The scanner can be integrated with various platform software for custom applications.





Image: Infographic highlighting the multifunctional aspects of the Docooler T97 scanner, including auto scanning, multiple modes set, and second development capabilities.

## MAINTENANCE

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### Cleaning the Scanner

- Ensure the scanner is disconnected from its power source before cleaning.
- Use a soft, dry, lint-free cloth to gently wipe the exterior of the scanner.
- For the scanning window, use a soft cloth slightly dampened with a mild, non-abrasive cleaning solution or screen cleaner. Avoid excessive moisture.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the scanner's surface or optical components.

## TROUBLESHOOTING

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### Common Issues and Solutions

- **Scanner not powering on:**



- Ensure the USB cable is securely connected to both the scanner and the host device.
  - Try connecting the scanner to a different USB port on your computer.
  - Verify that the host device (computer) is powered on and functioning correctly.
- **Scanner not reading barcodes:**
    - Ensure the barcode is clean, undamaged, and clearly visible.
    - Position the barcode within the optimal scanning distance (0-10cm) and angle.
    - Check if the blue indicator light illuminates and a beep sounds upon attempting a scan. If not, refer to the 'Scanner not powering on' steps.
    - Verify that the barcode type is supported by the scanner (refer to 'Supported Barcode Types' section).
    - If scanning from a screen, ensure the screen brightness is adequate and there is no glare.
- **Scanned data is incorrect or incomplete:**
    - Ensure the barcode is fully within the scanning window and stable during the scan.
    - Check your host application or software settings to ensure it is configured to receive barcode input correctly.

## SPECIFICATIONS

| Feature                        | Specification  |
|--------------------------------|--|
| Model No.                      | T97  |
| Item Model Number              | ZGT9536370249746XJ                                   |
| Color                          | White  |
| Type                           | Optical Image  |
| Sensor                         | CMOS sensor, 640 x 480 pixels, 120 fps               |
| Transmission Type              | Cable Transmission                                   |
| Interface Type                 | USB  |
| Cable Length                   | 1.5 m  |
| Working Voltage                | 3V DC $\pm$ 5%                                       |
| Working Current                | 390mA (Max.), 220mA (Typical)                        |
| Operating System Compatibility | Android / Apple / Microsoft                          |
| Scanning Speed                 | Max. 180 cm / sec.                                   |
| Product Dimensions             | 9 x 8.2 x 7.5 cm (L x W x H) / 3.54 x 3.23 x 2.95 in |
| Item Weight                    | Approx. 148g / 5.22oz                                |
| Compatible Devices             | Smartphone, Tablet                                   |
| Power Source                   | Battery Powered (via USB)                            |

## WARRANTY INFORMATION

The Docooler T97 Barcode Scanner comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration of the warranty. Retain your proof of purchase for any warranty claims.



## SCANNING TIPS

Blue light on and beeps  
for successful scanning



## WALL-MOUNTABLE

Hang up on wall, save space.

*Image: The included User's Guide and Product Warranty Certificate for the 2D Barcode Scanner.*

## SUPPORT

For further assistance, technical support, or inquiries regarding your Docooler T97 Barcode Scanner, please contact Docooler customer service through the contact information provided on the product packaging or the official Docooler website. When contacting support, please have your model number (T97) and item model number (ZGT9536370249746XJ) available.