Datalogic W127026303

Datalogic QuickScan QBT2500 Bluetooth 2D MP Imager User Manual

Model: W127026303

1. Introduction

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your Datalogic QuickScan QBT2500 Bluetooth 2D MP Imager. This device is designed for efficient and reliable 2D barcode scanning, offering wireless connectivity via Bluetooth for enhanced mobility.

2. Package Contents

Verify that all items are present and undamaged upon opening the package. If any items are missing or damaged, contact your supplier immediately.

- Datalogic QuickScan QBT2500 2D MP Imager (Scanner)
- Base Station/Charger
- USB Cable (for connecting base station to host)
- Quick Start Guide (not included in this digital manual)

3. Setup

3.1 Connecting the Base Station

1. Connect the USB cable to the base station's port.
2. Connect the other end of the USB cable to an available USB port on your host device (e.g., computer, POS system).
3. Ensure the base station is placed on a stable, flat surface.

3.2 Charging the Scanner

Before first use, fully charge the scanner's battery.

- Place the scanner into the base station. Ensure it is seated correctly and the charging indicator light on the scanner (if present) illuminates.
- A full charge typically takes several hours.

3.3 Bluetooth Pairing

The QBT2500 can be paired with its base station or directly with a Bluetooth-enabled host device (e.g., tablet, smartphone).

3.3.1 Pairing with Base Station (Default Mode)

The scanner and base station are typically pre-paired at the factory. If pairing is lost:

1. Ensure the base station is connected to the host device and powered on.
2. Scan the "Pairing" barcode (usually found in the Quick Start Guide or on the base station itself).
3. Place the scanner into the base station. The scanner should beep to confirm successful pairing.

3.3.2 Pairing with a Host Device (SPP/HID Mode)

To connect directly to a tablet or smartphone:

1. Ensure the scanner is charged and powered on.
2. Scan the appropriate Bluetooth profile barcode (e.g., "Bluetooth HID Keyboard" for direct data entry, or "Bluetooth SPP" for application-controlled data). These barcodes are typically found in the full product manual or Datalogic's programming guide.
3. On your host device, go to Bluetooth settings and search for available devices.
4. Select "Datalogic QBT2500" from the list.
5. Follow any on-screen prompts to complete the pairing process. The scanner will beep to confirm connection.

4. Operating the Scanner

4.1 Basic Scanning

To scan a barcode:

1. Point the scanner's window at the barcode.
2. Press and hold the trigger button. The scanner will emit a red aiming pattern and illumination lights.
3. Center the aiming pattern over the barcode.
4. Once successfully read, the scanner will emit a good-read beep and the aiming pattern will turn off. The decoded data will be transmitted to the host device.





Figure 1: Datalogic QuickScan QBT2500 Scanner (Side View)



Figure 2: Datalogic QuickScan QBT2500 Scanner (Front View with Illumination)

4.2 Reading Difficult Barcodes

- **Poorly Printed Barcodes:** Try scanning from different angles or distances.
- **Reflective Surfaces:** Tilt the scanner to avoid direct reflection of the illumination lights.
- **Small Barcodes:** Position the scanner closer to the barcode.

5. Maintenance

5.1 Cleaning the Scanner

Regular cleaning ensures optimal performance.

- Use a soft, clean cloth dampened with water or a mild cleaning solution (e.g., isopropyl alcohol).
- Wipe the scanning window and the exterior casing.
- Do not use abrasive cleaners, solvents, or immerse the scanner in liquid.
- Ensure the scanner is dry before use.

5.2 Battery Care

- For optimal battery life, avoid extreme temperatures.
- Store the scanner with a partial charge if it will not be used for an extended period.

6. Troubleshooting

Problem	Possible Cause	Solution
Scanner not reading barcodes.	Barcode damaged or unreadable; Scanner not powered on; Not paired; Incorrect symbology enabled.	Check barcode quality; Ensure scanner is charged and powered; Re-pair scanner; Consult full manual for symbology settings.
No data transmitted to host.	Bluetooth connection lost; Incorrect host interface setting.	Verify Bluetooth connection on host; Re-pair scanner; Ensure correct Bluetooth profile (HID/SPP) is selected.
Scanner not charging.	Scanner not seated correctly in base; Base station not powered; Damaged cable/base.	Reseat scanner; Check base station power and cable connections; Try a different USB port or cable.

7. Specifications

Feature	Detail
Model Number	W127026303
Product Dimensions	8.66 x 7.48 x 3.94 inches
Item Weight	1.17 pounds
Connectivity Technology	Bluetooth
Compatible Devices	Tablet, Smartphone
Power Source	Battery Powered

Feature	Detail
Manufacturer	Datalogic

8. Warranty Information

The Datalogic QuickScan QBT2500 is covered by a standard manufacturer's warranty. For specific terms and conditions, including warranty period and coverage details, please refer to the warranty card included with your product or visit the official Datalogic website. Keep your proof of purchase for warranty claims.

9. Technical Support

For technical assistance, product documentation, or further inquiries, please contact Datalogic customer support or visit their official website:

Datalogic Official Website: www.datalogic.com

Additional resources, including full programming manuals and FAQs, may be available online.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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