onewscan 6609T

ONEWSCAN Wireless Barcode Scanner (Model 6609T) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

1. Product Overview

The ONEWSCAN Wireless Barcode Scanner is a versatile data collector designed for inventory management, batch collection, and general barcode scanning. It features a 2.8-inch TFT color screen for real-time data viewing and a robust wireless transmission system.

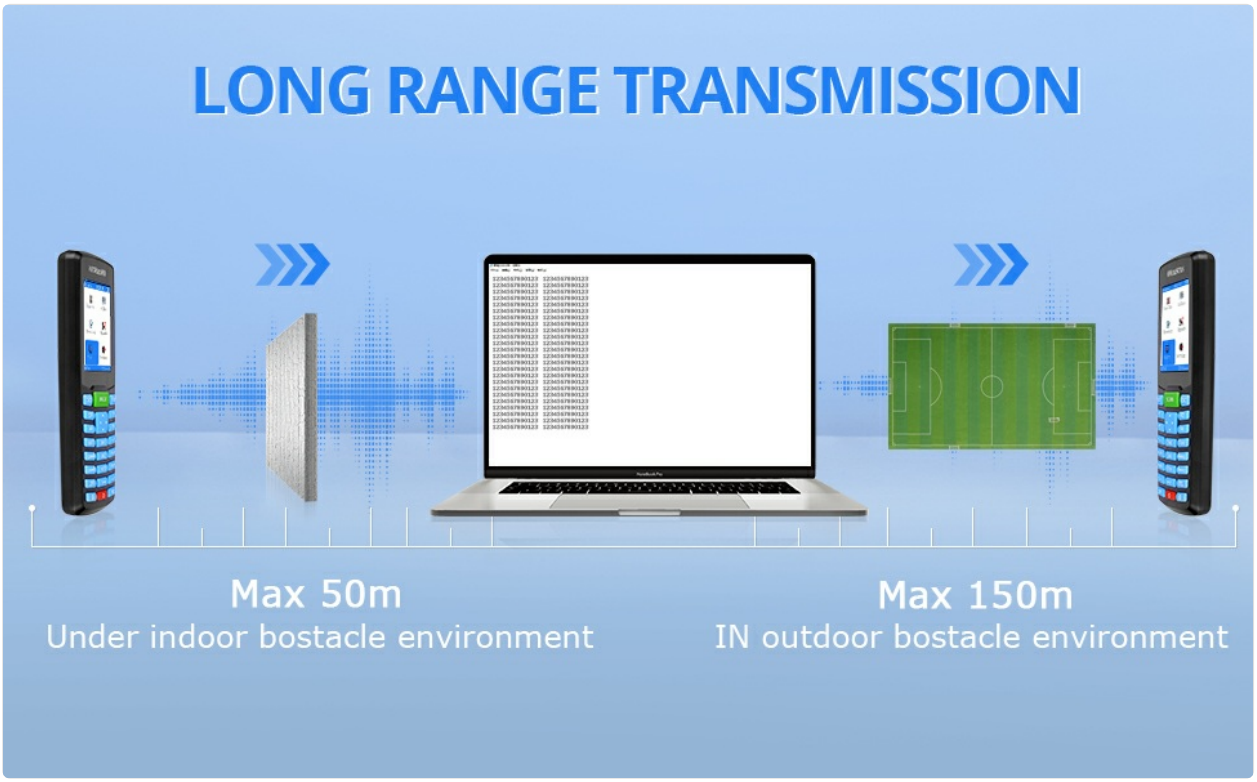

Image: The ONEWSCAN Wireless Barcode Scanner being used in a warehouse environment, demonstrating its portability and various features like intelligent decoding, wireless transmission, long-distance scanning, large battery capacity, plug and play, and an HD screen.

2. Package Contents

Please verify that all items are present in your package:

- ONEWSCAN Wireless Barcode Scanner (Model 6609T)
- USB Charging Cable
- User Manual (this document)
- Lithium Polymer Battery (pre-installed or separate)

3. Device Layout and Key Functions

Familiarize yourself with the scanner's physical components and key functions.

Image: A detailed diagram illustrating the front and back of the ONEWSCAN scanner. Key labels include ONEWSCAN logo, Time, Boot screen, ENT (Identify key), SCAN (Scan button), ESC (Escape key), F1-F4 (Function keys), Direction keys, Number keys, DEL (Delete key), SW (Hand input bar code & input method switch), On/Off button, Backlight brightness switch, Buzzer, and Telescopic Belt.

Key Functions:

- **ENT (Enter/Identify Key):** Confirms selections or identifies data.
- **SCAN Button:** Initiates barcode scanning.
- **ESC (Escape Key):** Exits current menu or cancels an operation.
- **F1-F4 (Function Keys):** Programmable function keys for specific operations.
- **Direction Keys:** Navigates through menus and options on the screen.
- **Number Keys (0-9):** For manual data input.
- **DEL (Delete Key):** Deletes characters or data.
- **SW (Switch Key):** Toggles between hand input and barcode input methods.
- **On/Off Button:** Powers the device on or off.
- **Backlight Brightness Switch:** Adjusts screen brightness.

4. Setup and Charging

4.1 Initial Charging

Before first use, fully charge the scanner. The device is equipped with a 2000mAh Lithium Polymer battery.

- Connect the USB charging cable to the scanner's charging port.
- Connect the other end of the USB cable to a compatible USB power adapter or computer USB port.
- A full charge typically takes 3-4 hours. The battery indicator on the 2.8-inch TFT screen will show charging status.
- Once fully charged, the scanner can operate for approximately 20-30 hours.

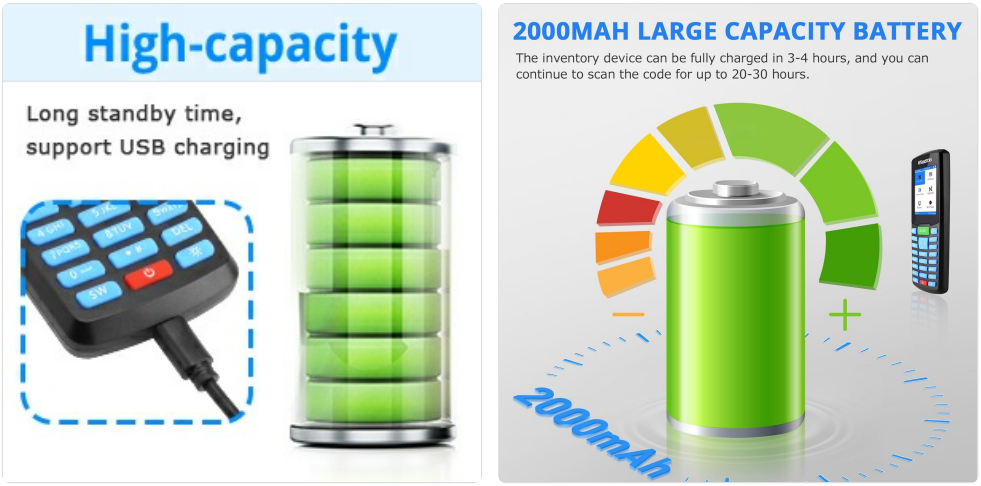

Image: Left: The scanner connected via USB for charging, highlighting its high-capacity battery and USB charging support. Right: A visual representation of the 2000mAh battery capacity and its charging cycle, indicating 3-4 hours for a full charge and 20-30 hours of operation.

4.2 Connecting to a Host Device

The ONEWSCAN scanner uses 2.4GHz wireless transmission for connectivity. It is plug-and-play and does not require specific drivers for Windows 7, Vista, XP, or Windows 2000. It is compatible with Desktop, Laptop, Tablet, Smartphone, and POS systems.

- Power on the scanner using the On/Off button.
- Insert the wireless receiver (dongle) into a USB port on your host device (e.g., computer, POS system).
- The scanner will automatically establish a wireless connection. The screen will display the wireless signal status.

5. Operating Modes

The scanner supports various operating modes to suit different inventory and data collection needs.

5.1 Scan Modes

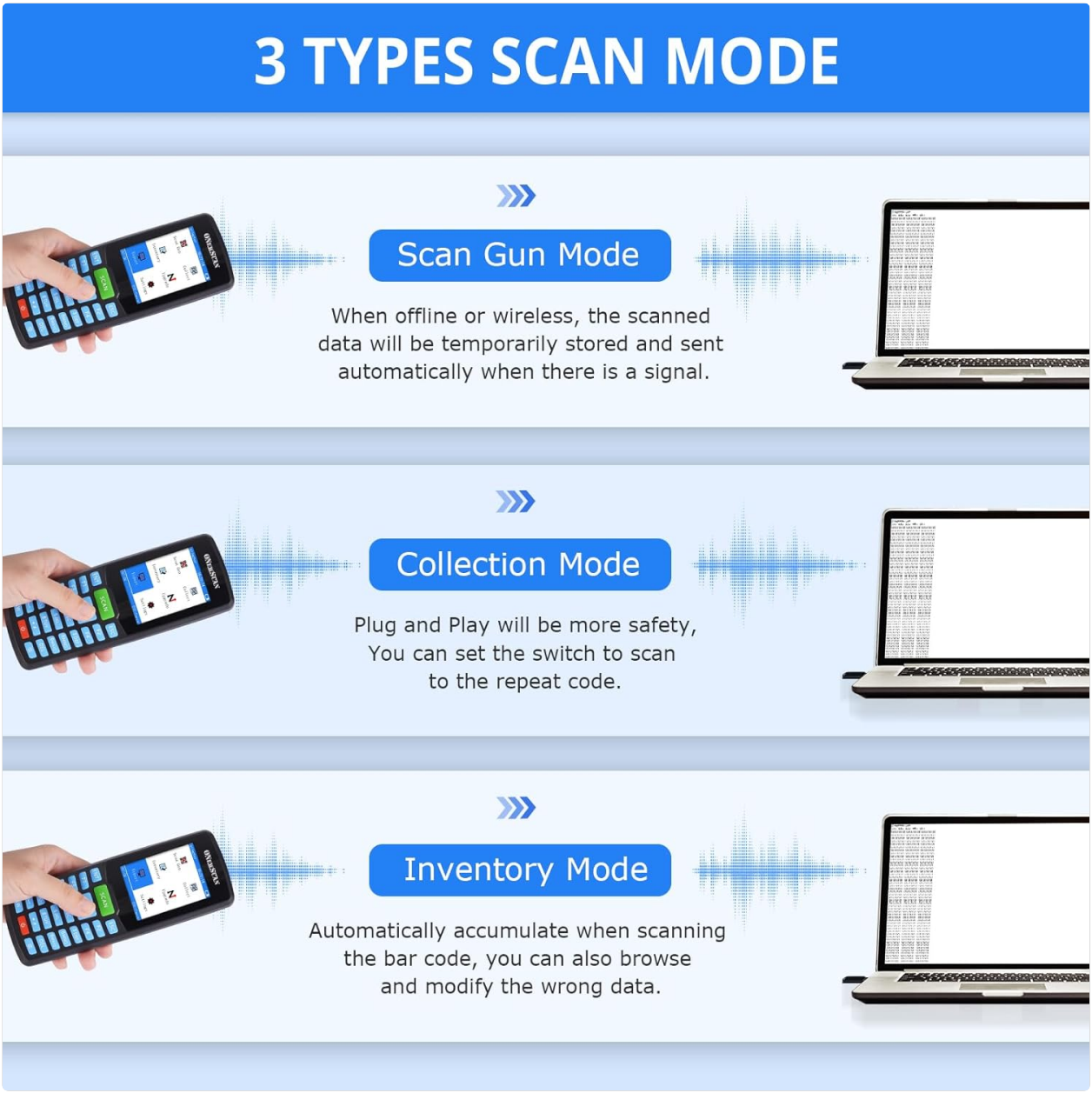

Image: A visual guide to the three primary scan modes. **Scan Gun Mode**: Scanned data is temporarily stored offline or wirelessly and sent automatically when a signal is available. **Collection Mode**: Plug and Play operation; allows setting the switch to scan repeat codes. **Inventory Mode**: Automatically accumulates barcode data upon scanning, allows browsing and modification of incorrect data.

- **Scan Gun Mode:** In this mode, scanned data is temporarily stored when offline or out of wireless range. Data is automatically transmitted to the host device once a wireless signal is re-established.
- **Collection Mode:** This is a plug-and-play mode. You can configure the scanner to allow or disallow scanning of duplicate barcodes.
- **Inventory Mode:** This mode automatically accumulates barcode data as you scan. It also allows you to browse the collected data and modify any incorrect entries directly on the scanner's screen.

5.2 Data Upload Modes

Image: The scanner displaying menu options for "Instant Upload Mode" and "Storage Mode," indicating two ways to handle scanned data.

- **Instant Upload Mode:** Scanned barcodes are immediately transmitted to the connected host device.
- **Storage Mode:** Scanned barcodes are stored in the scanner's internal 16MB memory (capable of storing over 400,000 data records) and can be uploaded later in a batch.

6. Barcode Compatibility

The ONEWSCAN scanner is capable of decoding a wide range of 1D and 2D barcodes, including those that are distorted, reflective, blurred, or damaged.

Image: Examples of different barcode types the scanner can read, such as Colorful, Distorted, Reflective, QR Code, 1D Code, Blurred, Damaged, and Data Maxicode (Data Matrix).

Supported Barcode Types:

- **1D Barcodes:** Codabar, Code 128, MSI, EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN.
- **2D Barcodes:** QR Code, DataMatrix, PDF417.

7. Wireless Transmission Range

The scanner offers a significant wireless transmission range, adapting to different environments.

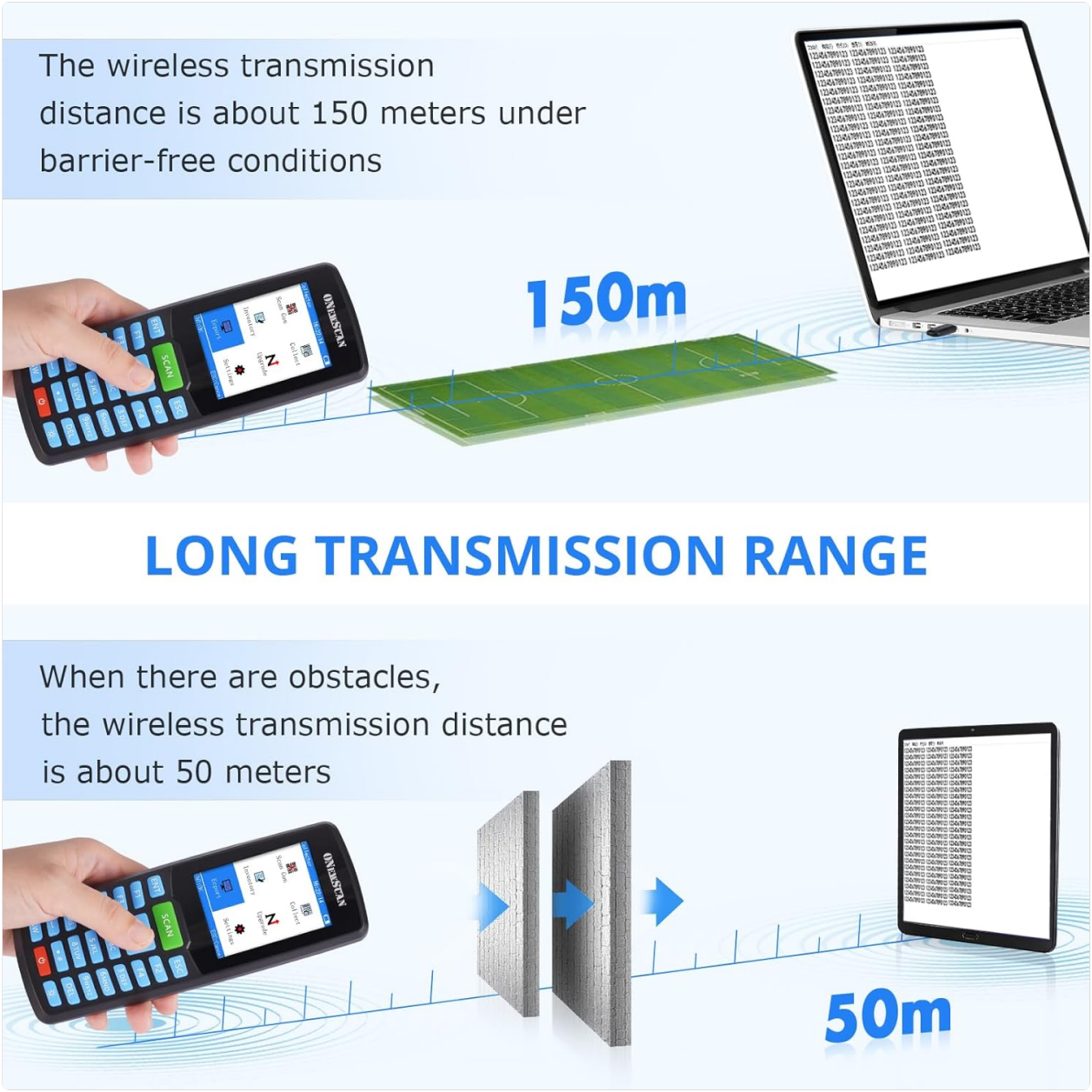

Image: A visual representation of the scanner's wireless range. It shows a transmission distance of approximately 150 meters under barrier-free conditions and about 50 meters when obstacles are present.

- **Barrier-Free Environment:** Up to 200 meters (656.16 feet).
- **Environment with Obstacles:** Up to 50 meters (164.04 feet).

8. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the scanner's exterior. Avoid abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device when the battery level is low.
- **Durability:** The 23 keys are made of silicone material for enhanced durability and longer service life.

Image: A close-up view of the scanner's keypad, emphasizing that the 23 keys are constructed from silicone material for increased durability and extended service life.

9. Troubleshooting

- **Scanner Not Connecting:**
  - Ensure the wireless receiver is securely plugged into the host device.
  - Verify the scanner is powered on and within the effective wireless range (refer to Section 7).
  - Check the battery level on the scanner's screen.
- **Barcode Not Scanning:**
  - Ensure the barcode is clean and not excessively damaged. The scanner supports scanning blurry or broken barcodes, but extreme damage may prevent reading.
  - Adjust the distance and angle between the scanner and the barcode.
  - Check if the correct scan mode is selected.
- **Data Tools:** If you require specific data management tools, please contact ONEWSCAN support for assistance.

10. Specifications

Feature	Detail
Brand	ONEWSCAN
Model	6609T
Connectivity	2.4GHz Wireless
Compatible Devices	Desktop, Laptop, Tablet, Smartphone, POS
Screen	2.8-inch TFT Color LCD
Internal Storage	16MB (stores over 400,000 data records)
Battery Type	1 x Lithium Polymer (2000mAh)
Charging Time	3-4 hours

Feature	Detail
Operating Time	20-30 hours
Wireless Range (Barrier-Free)	Up to 200 meters (656.16 feet)
Wireless Range (With Obstacles)	Up to 50 meters (164.04 feet)
Supported 1D Barcodes	Codabar, Code 128, MSI, EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN
Supported 2D Barcodes	QR Code, DataMatrix, PDF417
Product Dimensions	2.11 x 6.35 x 17.02 cm (0.83 x 2.5 x 6.7 inches)
Product Weight	281 g (0.62 lbs)

11. Support Information

For technical support, software tools, or any inquiries regarding your ONEWSCAN Wireless Barcode Scanner, please contact our customer service. Refer to the contact information provided with your purchase or visit the official ONEWSCAN website.