LENVII D7800

LENVII D7800 Desktop Omnidirectional Barcode Scanner Instruction Manual

Model: D7800

1. PRODUCT OVERVIEW

The LENVII D7800 is a high-performance desktop barcode scanner designed for efficient and hands-free operation. It features omnidirectional scanning capabilities, allowing it to quickly capture both 1D and 2D barcodes from various surfaces, including paper, labels, and digital screens. Its plug-and-play design ensures easy integration with common operating systems.

Figure 1: LENVII D7800 Desktop Omnidirectional Barcode Scanner

2. SETUP INSTRUCTIONS

The LENVII D7800 scanner is designed for simple plug-and-play installation. No additional drivers or software are typically required for basic operation.

1. **Connect the USB Cable:** Locate the USB cable attached to the scanner. Plug the USB-A connector into an available USB port on your computer (PC, laptop, or POS system).

2. **System Recognition:** Your operating system (Windows, Mac OS, Linux) should automatically detect and install the necessary device drivers. This process usually takes a few seconds.

3. **Ready for Use:** Once the system recognizes the scanner, it will be ready to input scanned barcode data into any application that accepts keyboard input, such as a word processor, spreadsheet, or POS software.
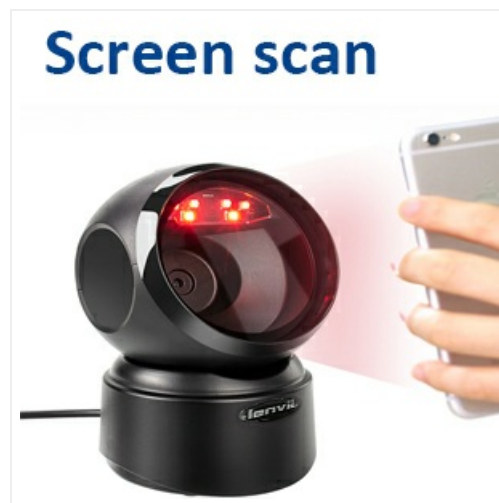
Figure 2: Connecting the scanner via USB for plug-and-play operation.

3. OPERATING INSTRUCTIONS

The D7800 scanner operates in an automatic, hands-free mode. Simply place the item with the barcode in front of the scanner's window.

- **Automatic Sensing:** The scanner features an auto-sensing function. When a barcode is presented within its scanning field, the scanner will automatically activate its light and attempt to read the barcode.

- **Scanning Technique:** Position the barcode so it is fully visible to the scanner's window. A successful scan is typically indicated by an audible beep and the barcode data appearing on your connected device.

- **Scanning from Screens:** The CCD scanning technology allows for efficient reading of barcodes displayed on mobile phone screens, tablets, and computer monitors. Ensure the screen brightness is adequate for optimal scanning.

On-screen barcode scanning
Easily capture fast moving codes

Figure 3: The scanner's ability to read barcodes directly from mobile phone screens.

3.1. Barcode Scanning Demonstration

Video 1: Demonstration of the LENVII D7800 scanner reading various 1D and 2D barcodes from physical items and digital displays.

4. SUPPORTED BARCODE TYPES

The LENVII D7800 scanner is capable of decoding a wide range of 1D and 2D barcode symbologies, including those that are damaged or difficult to read.

- **1D Codes:** UPC/EAN, Code39, Interleaved 2 of 5, Code93, Code 128, Codabar, Industry25, Matrix25, ISBN/ISSN, ISBT, China Post, GS1-128, Standard 2 of 5, MSI, RSS, ITF14, Telepen, etc.
- **2D/QR Codes:** PDF417, QR Code, Data Matrix, Micro QR Code, Micro PDF417, Maxicode, Aztec, Hanxin, etc.
- **Special Barcodes:** The scanner can effectively read blurred, damaged, distorted, colorful, or reflective barcodes.

Compatible with various ERP systems

Suitable for WIN & MAC operating systems

Figure 4: Examples of various 1D and 2D barcodes, including damaged and reflective types, that the scanner can read.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LENVII D7800 barcode scanner, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the scanning window with a soft, lint-free cloth. For stubborn smudges, use a small amount of mild glass cleaner applied to the cloth (not directly to the scanner).
- **Handling:** While the scanner features an anti-shock design capable of withstanding minor drops (up to 1.2 meters), avoid unnecessary impacts or rough handling.
- **Storage:** Store the scanner in a clean, dry environment away from extreme temperatures and direct sunlight when not in use.
- **Cable Care:** Avoid bending or twisting the USB cable excessively to prevent internal damage.

Figure 5: The scanner's anti-shock design helps protect it from accidental drops.

6. TROUBLESHOOTING

If you encounter issues with your LENVII D7800 scanner, refer to the following common problems and solutions:

- **Scanner Not Responding:**

    - Ensure the USB cable is securely connected to both the scanner and the computer.
    - Try plugging the scanner into a different USB port on your computer.
    - Restart your computer.

- **Barcode Not Scanning:**

    - Verify the barcode is clear, undamaged, and not excessively faded.
    - Ensure the barcode is positioned correctly within the scanner's field of view.
    - Clean the scanner's window if it is dirty or smudged.
    - Check if the barcode type is supported by the scanner (refer to Section 4).

- **Incorrect Data Output:**
    - Ensure your computer's keyboard layout matches the expected input.
    - If specific programming is required (e.g., adding prefix/suffix), refer to the full programming manual (if provided separately).

If these steps do not resolve the issue, please contact LENVII customer support for further assistance.

7. SPECIFICATIONS

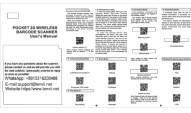| Feature	Specification
Brand	LENVII
Model Number	D7800
Color	Black
Connectivity Technology	USB Cable
Light Source	617nm LED (aimer); 6500K LEDs (illumination)
Image Sensor	640*480 CMOS
Processor	ARM32-bit
Scan Speed	200 times/s
Power	DC 5V
Current	400mA±5%
Operating System Compatibility	Windows XP/7/8/10, Linux, Mac OS
Item Weight	230 g
Product Dimensions (LxWxH)	10 x 9 x 14 cm

Appearance Size

Figure 6: Physical dimensions of the LENVII D7800 barcode scanner.

8. WARRANTY AND SUPPORT

LENVII products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or contact LENVII customer support directly.

For technical assistance, troubleshooting, or any product-related inquiries, please reach out to your retailer or the LENVII customer service team. Contact information can typically be found on the product packaging or the official LENVII website.

Related Documents - D7800

	[LENVII Pocket 2D Wireless Barcode Scanner User Manual](#) User manual for the LENVII Pocket 2D Wireless Barcode Scanner, detailing its 2.4G, Bluetooth, and wired transmission modes, inventory and immediate modes, sound, shake, sleep, terminal settings, language options, and LED indicators.
	[Pocket 2D Wireless Barcode Scanner User Manual | Lenvii](#) Comprehensive user manual for the Lenvii Pocket 2D Wireless Barcode Scanner, covering setup, transmission modes (2.4G, Bluetooth, Type-C), pairing, operational modes, settings, and notifications. Get detailed instructions for your wireless scanner.
	[Lenvii 2D Barcode Scanner User Manual](#) User manual for the Lenvii 2D Barcode Scanner, detailing setup, system settings, barcode types, reading modes, interface options, and connectivity configurations.
	[Lenvii LV-480 Label Printer: Installation and Driver Setup Guide](#) Comprehensive guide for installing the Lenvii LV-480 label printer and its drivers. Covers setup for Windows and Mac, driver download, connection, and configuration for seamless label printing operations.