Symcode 3300DW

Symcode 3300DW 2D Fixed USB Barcode Scanner User Manual

INTRODUCTION

This manual provides comprehensive instructions for the Symcode 3300DW 2D Fixed USB Barcode Scanner. It covers product features, setup procedures, operating guidelines, maintenance tips, troubleshooting solutions, and detailed technical specifications. Please read this manual carefully before using the device to ensure proper operation and to maximize its lifespan.

PRODUCT FEATURES

- **Super Decoding Capability:** The Symcode 3300DW barcode scanner efficiently and accurately captures both 1D and 2D barcodes from various surfaces, including labels, paper, mobile phone screens, and computer displays. It supports a wide range of barcode types.

- **Automatic Infrared Detection:** Equipped with an automatic detection function, the scanner initiates scanning when a barcode approaches its window, even if the device is in sleep mode. This hands-free operation enhances efficiency by allowing users to handle items without needing to manually activate the scanner.

- **Plug and Play Connectivity:** This scanner requires no driver installation, additional software, or applications. Simply connect it to your device via the provided USB cable. It is compatible with Windows XP/7/8/10, Mac OS, and Linux operating systems.

- **Robust Design:** Engineered for durability, the scanner can withstand drops from a height of up to 1.5 meters, ensuring reliable performance in demanding environments.

- **Omnidirectional Scanning:** The scanner is designed to read 1D and 2D codes from various angles, providing flexibility and ease of use.

- **Adjustable Angle:** The scanning head can be adjusted by 30 degrees, allowing for convenient positioning to suit different scanning needs.

- **Anti-slip Design:** Features anti-slip pads on both sides and the base to prevent movement and protect desktop surfaces.

SETUP

1. **Unpack the Scanner:** Carefully remove the Symcode 3300DW barcode scanner and its USB cable from the packaging.

2. **Connect to Host Device:** Insert the RJ45-like connector of the USB cable into the port on the back of the scanner. Then, plug the USB Type-A end of the cable into an available USB port on your computer or host device.

3. **System Recognition:** The scanner is plug-and-play. Your operating system (Windows, Mac OS, Linux) should automatically detect and install the necessary drivers. This process usually takes a few seconds.

4. **Verify Connection:** Once connected, the scanner will enter standby mode. You can test the connection by opening a text editor (like Notepad or Word) and scanning a barcode. The barcode data should appear in the text editor.

両側と底の滑り止めデザイン。

デスクトップの傷を防ぐために、固定はよりしっかりしています。

Figure 1: Connecting the USB cable to the Symcode 3300DW scanner.

OPERATING INSTRUCTIONS

Basic Scanning

The Symcode 3300DW scanner operates in an automatic detection mode. To scan a barcode:

1. Ensure the scanner is connected to your host device and powered on.

2. Position the barcode within the scanner's field of view. The scanner will automatically detect the barcode and emit a light to read it.

3. A successful scan is typically indicated by an audible beep and/or a visual confirmation light. The scanned data will be transmitted to your active application (e.g., a text editor, POS software).

Figure 2: Automatic barcode detection in action.

Omnidirectional Scanning

The scanner is designed to read barcodes regardless of their orientation. Simply present the barcode to the scanning window, and the device will decode it.
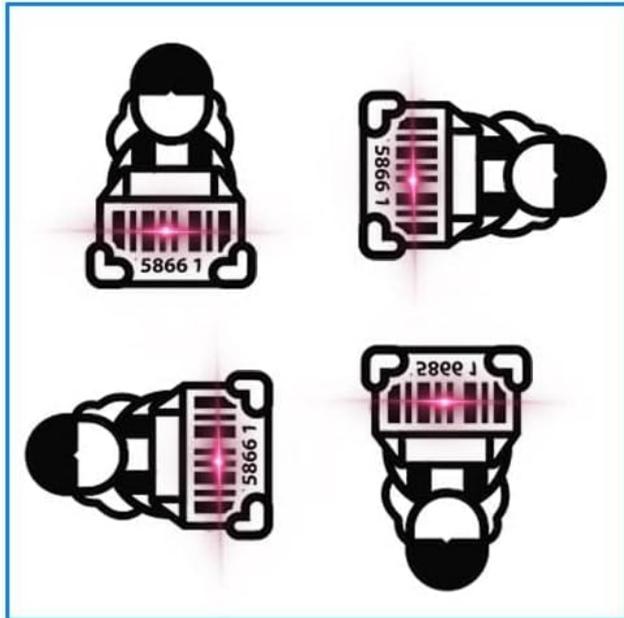
Figure 3: Omnidirectional scanning allows for flexible barcode presentation.

Adjusting the Scan Angle

The scanner head can be tilted up to 30 degrees to optimize the scanning angle for different items or setups. Gently adjust the head to the desired position.

Figure 4: The scanner's adjustable head for optimal scanning angles.

Supported Barcode Types

The Symcode 3300DW supports a comprehensive range of 1D and 2D barcode symbologies:

- **1D Barcodes:** EAN-8, EAN-13, Codabar, CODE 39, CODE 93, CODE 128, China Post, GS1-128, UPC-A, UPC-E, ISBN/ISSN, ISBT, Interleaved 2 of 5, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, MSI, RSS, ITF14, Telepen.
- **2D Barcodes:** QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF417, Maxicode, Aztec, Hanxin.

Figure 5: The scanner's superior decoding capability for various barcode types.

MAINTENANCE

To ensure the longevity and optimal performance of your Symcode 3300DW barcode scanner, follow these maintenance guidelines:

- **Cleaning the Scan Window:** Regularly clean the scan window with a soft, lint-free cloth. If necessary, use a mild, non-abrasive cleaning solution. Avoid harsh chemicals or abrasive materials that could scratch the window.

- **General Cleaning:** Wipe the exterior of the scanner with a soft, damp cloth. Do not immerse the scanner in water or any cleaning liquid.

- **Cable Care:** Inspect the USB cable periodically for any signs of damage. Avoid bending or twisting the cable excessively.

- **Storage:** When not in use, store the scanner in a clean, dry environment away from direct sunlight and extreme temperatures.

- **Anti-slip Pads:** Ensure the anti-slip pads on the base and sides are clean and intact to maintain stability

and prevent desktop scratches.

Troubleshooting

If you encounter issues with your Symcode 3300DW barcode scanner, refer to the following common problems and solutions:

- **Scanner Not Responding:**

    - Check if 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.
    - Restart your computer and reconnect the scanner.

- **No Data Output After Scanning:**

    - Ensure that an application (e.g., text editor, spreadsheet, POS software) is open and has focus to receive the scanned data.
    - Verify that the barcode is not damaged or poorly printed.
    - Check if the scanner's light is activating when a barcode is presented. If not, ensure the scanner is properly powered.

- **Incorrect Data Output:**

    - Ensure the correct keyboard layout is selected on your computer (e.g., US English).
    - Some barcodes may require specific settings. Refer to the product's advanced configuration guide (if available) for specific barcode type settings.

- **Scanner Beeps Continuously or Emits Error Sounds:**

    - This may indicate a configuration error or a hardware issue. Try resetting the scanner to factory defaults (if a reset barcode is provided in a separate guide).
    - If the issue persists, contact customer support.

Specifications

Feature	Specification
Model	3300DW
Type	2D CMOS Fixed Barcode Scanner
Connectivity	USB Wired (USB Cable)
Weight	480g
Dimensions (Scanner)	71.5mm x 108mm x 150mm
Material	ABS
Light Source	617nm LED, 6500K Illumination
Image Sensor	640*480 CMOS
Processor	ARM32-bit

Feature	Specification
Scan Rate	200 scans/second
Power Input	DC5V
Current	400mA±5%
Drop Resistance	Withstands drops from 1.5m
Supported OS	Windows XP/7/8/10, Mac OS, Linux
UPC	762027975166
Color	White

SAFETY INFORMATION

Please observe the following safety precautions:

- Do not look directly into the scanner's light source.
- Keep the device away from water and other liquids.
- Avoid dropping or subjecting the scanner to severe impacts, despite its robust design.
- Do not attempt to disassemble or repair the scanner yourself. Refer all servicing to qualified personnel.
- Use only the provided USB cable for connection.

耐衝撃設計、長寿命がされます。

高さ1.5mの自由落下に何度も耐えることができ、安定したスキャン性能を維持します。

Figure 6: The scanner's robust design for enhanced durability.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Symcode 3300DW barcode scanner, please refer to the documentation included with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase for warranty claims.