Esup ES 3300

Esup Barcode Scanner ES 3300 with Stand User Manual

Model: ES 3300

1. Introduction

Thank you for choosing the Esup ES 3300 Wired Handheld Laser Barcode Scanner with Adjustable Stand. This device is designed for efficient and accurate 1D barcode scanning, ideal for various applications including retail, libraries, and warehouses. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your scanner.

2. Safety Information

- **Laser Safety:** Do not stare directly into the scanner's laser beam. Avoid pointing the laser at eyes.
- **Handling:** Handle the scanner with care. While designed to withstand drops up to 1.5 meters, excessive force or impact can cause damage.
- **Environment:** Operate the scanner within the specified temperature and humidity ranges. Avoid exposure to extreme temperatures, direct sunlight, or high moisture.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. Package Contents

Please verify that all items listed below are included in your package:

- 1 x Esup USB Barcode Scanner
- 1 x USB Cable
- 1 x Adjustable Stand (Base, Flexible Neck, Scanner Holder)
- 1 x User Manual Guide



Image: Contents of the Esup ES 3300 Barcode Scanner package, showing the scanner, USB cable, adjustable stand parts, and the instruction manual.

4. Product Overview

The Esup ES 3300 is a high-performance bi-directional laser barcode scanner. It features a scanning rate of 200 scans per second and a resolution of 0.10mm (4mil). The scanner is designed for durability, withstanding a 1.5m drop to concrete and offering IP54 grade dustproof and water-resistant protection. Its ergonomic design ensures comfortable use.

5. Setup

5.1 Connecting the Scanner

1. Locate the USB cable provided in the package.
2. Connect the smaller end of the USB cable to the port at the base of the barcode scanner.
3. Plug the larger USB-A end of the cable into an available USB port on your computer (Desktop or Laptop).
4. The scanner is plug-and-play and should be automatically recognized by your operating system.

5.2 Assembling the Adjustable Stand

1. Take the stand base and the flexible neck. Screw the flexible neck securely into the designated hole on the stand base.
2. Attach the scanner holder component to the top of the flexible neck. Ensure it is firmly connected.
3. Place the Esup barcode scanner into the assembled holder. The stand allows for 360-degree adjustment to position the scanner for optimal scanning angles.



Image: The Esup ES 3300 Barcode Scanner mounted on its adjustable stand, illustrating its automatic scanning capability.

6. Operating Modes

The Esup ES 3300 scanner supports both Automatic Induction Mode and Manual Mode.

6.1 Automatic Induction Mode (Auto-scan)

In this mode, the scanner's light is normally off. When a barcode is presented within its scanning range, the scanning light automatically activates and reads the barcode without requiring a trigger press.

- **Activation:** To enable Automatic Induction Mode, scan the 'Auto-induction - ON' barcode provided in the manual guide or on a configuration sheet.



Image: Visual representation of the 'Auto-induction - ON' and 'Auto-induction - OFF' barcodes used to switch scanning modes.

6.2 Manual Mode

In Manual Mode, the scanner will only activate its laser and read a barcode when the trigger button is pressed.

- **Activation:** To enable Manual Mode, scan the 'Auto-induction - OFF' barcode provided in the manual guide or on a configuration sheet.

6.3 Switching Between Modes

You can also switch between Automatic Induction Mode and Manual Mode by pressing and holding the scanner's trigger button for approximately 10 seconds. This provides a quick way to toggle between the two operational modes.

7. Compatibility

The Esup ES 3300 barcode scanner is compatible with a wide range of operating systems:

- Windows (XP, 7, 8, 10)

- Mac OS
- Linux

Note: This scanner requires a USB port for connection and is not compatible with devices such as iPads, Google tablets, or smartphones that lack a standard USB port.



Image: The Esup ES 3300 Barcode Scanner demonstrating its wide compatibility with various operating systems including Windows, Mac, and Linux.

8. Decoding Capabilities

The Esup ES 3300 is designed to read standard 1D barcodes. It supports the following symbologies:

- Code11, Code39, Code93, Code32, Code128
- Coda Bar, UPC-A, UPC-E, ISBN, EAN-8, EAN-13, JAN
- EAN/UPC Add-on2/5 MSI/Plessey
- Telepen and China Postal Code

- Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5

Important: This scanner **cannot** read 2D barcodes such as QR codes or PDF417, nor can it read barcodes displayed on screens (e.g., mobile phones, monitors).

9. Maintenance

- **Cleaning:** Regularly clean the scanner's window and body with a soft, dry, lint-free cloth. Do not use water, alcohol, or chemical cleaning agents, as these can damage the device.
- **Storage:** When not in use, store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting the USB cable excessively to prevent internal wire damage.

10. Troubleshooting

- **Scanner not reading barcodes:**
  - Ensure the USB cable is securely connected to both the scanner and the computer.
  - Verify that the scanner is in the correct operating mode (Manual or Automatic Induction) for your task.
  - Check if the barcode type is supported by the scanner (only 1D barcodes are supported).
  - Ensure the barcode is not damaged, smudged, or poorly printed.
- **Scanner not recognized by computer:**
  - Try plugging the USB cable into a different USB port on your computer.
  - Restart your computer.
  - Ensure no other conflicting USB devices are connected.
- **Scanner stays on all the time (laser constantly active):**
  - This indicates the scanner is likely in Automatic Induction Mode. If you prefer to trigger scans manually, switch to Manual Mode by scanning the 'Auto-induction - OFF' barcode or by pressing and holding the trigger button for 10 seconds.

11. Specifications

Scanner Type	Bi-directional
Light Source	650 - 670nm (visible)
Scanning Type	Automatic scanning
Scan Rate	200 scans per second
Resolution	0.10mm (4mil) PCS0.9
Reading Distance	2.5 - 600mm (100% UPC/EAN)
Print Contrast	30% minimum reflective difference
Dimensions	165.42mm x 69.72mm x 89.67mm
Cable Type	2M or 6ft straight USB cable
Net Weight	110g (Scanner) + 170g (Stand)

Gross Weight	440g
Scan Angle	Roll ±30°, Pitch ±60°, Skew ±45°
Interfaces Supported	USB
Current Consumption	100mA (Idle Current <40mA)
Voltage	5 V/3.3V +/- 10%
Working Temperature	0°F-120°F / -20°C- 50°C
Storage Temperature	-40°F-160°F / -40°C- 70°C
Relative Humidity	5%-95% (Non-condensing)
Shock Resistance	1.5m drop on concrete surface
Safety Certification	CE

12. Warranty and Support

Esup is committed to providing quality products and customer satisfaction. If you encounter any issues with your Esup ES 3300 Barcode Scanner, please do not hesitate to contact our customer support. We aim to provide a satisfactory response as soon as possible.
For support, please refer to the contact information provided with your purchase or on the official Esup website.

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