

**unitech MS840-SUBBGC-SG**

# Unitech MS840 Rugged Handheld Laser Scanner

Model: MS840-SUBBGC-SG

## 1. INTRODUCTION

The Unitech MS840 is a high-performance, rugged handheld laser scanner designed for demanding environments. It offers reliable and accurate barcode scanning capabilities, making it ideal for various applications including retail, logistics, and inventory management. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MS840 scanner.



Image 1.1: The Unitech MS840 Rugged Handheld Laser Scanner. This image shows the dark blue and light blue scanner from a slight angle, highlighting its ergonomic design and the laser scanning window at the front.

## 2. SAFETY INFORMATION

Please read all safety instructions carefully before using the Unitech MS840 scanner to prevent injury or damage to the device.

- **Laser Safety:** This device uses a Class 1 laser. Do not stare directly into the laser beam or point it at others.
- **Electrical Safety:** Use only the provided USB cable. Do not expose the device to water or extreme temperatures.
- **Handling:** The MS840 is rugged, but avoid dropping it from excessive heights or subjecting it to severe impacts.
- **Disposal:** Dispose of the device and its components according to local environmental regulations.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Unitech MS840 Handheld Laser Scanner

- USB Connection Cable
- Quick Start Guide (if applicable)

## 4. SETUP

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Follow these steps to set up your Unitech MS840 scanner:

1. **Connect the USB Cable:**

Insert the smaller end of the USB cable into the port at the base of the MS840 scanner. Connect the larger end of the USB cable to an available USB port on your computer (Laptop or Desktop).

2. **Driver Installation:**

The MS840 is typically a plug-and-play device and should be recognized automatically by most operating systems. If prompted, allow your system to install the necessary drivers. No additional software installation is usually required for basic operation.

3. **Initial Test:**

Open a text editor or a program where you can input text (e.g., Notepad, Word). Scan a known barcode. If the setup is successful, the barcode data should appear in the opened application.

## 5. OPERATING THE SCANNER

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The Unitech MS840 is designed for simple and efficient barcode scanning.

1. **Power On:** The scanner powers on automatically when connected to a powered USB port.
2. **Aiming:** Hold the scanner with the scanning window facing the barcode. Press the trigger button located on the handle. A red laser line will project from the scanning window.
3. **Scanning:** Position the laser line across the entire barcode. Ensure the barcode is flat and well-lit.
4. **Successful Scan Indication:** Upon a successful read, the scanner will typically emit an audible beep and/or an LED indicator will flash. The scanned data will be transmitted to your connected computer as if typed from a keyboard.
5. **Supported Barcodes:** The MS840 is a laser scanner, primarily designed for 1D (linear) barcodes.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your MS840 scanner.

- **Cleaning the Scanning Window:**

Regularly clean the scanning window with a soft, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaning solution. Do not use harsh chemicals or abrasive materials.

- **General Cleaning:**

Wipe the exterior of the scanner with a soft, damp cloth. Avoid getting moisture into any openings.

- **Cable Care:**

Avoid bending or twisting the USB cable excessively. Store the cable neatly when not in use to prevent damage.

- **Storage:**

Store the scanner in a clean, dry environment away from direct sunlight and extreme temperatures when not in use.

## 7. TROUBLESHOOTING

If you encounter issues with your MS840 scanner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scanner not powering on.	USB cable not properly connected or faulty USB port.	Ensure the USB cable is securely connected to both the scanner and the computer. Try a different USB port on your computer.
Scanner not reading barcodes.	Barcode damaged, poor lighting, incorrect aiming, or unsupported barcode type.	Ensure the barcode is clear and undamaged. Provide adequate lighting. Aim the laser line directly across the barcode. Verify it's a 1D barcode. Clean the scanning window.
Scanned data not appearing on screen.	Application not in focus, incorrect keyboard layout, or driver issue.	Click into the text field of the application where you want the data to appear. Restart the application or computer. Check device manager for driver status.
Scanner beeps but no data.	Data transmission issue or application not ready.	Ensure the cursor is active in the target application. Try scanning into a simple text editor like Notepad to isolate the issue.

If the problem persists after trying these solutions, please contact Unitech customer support.

## 8. SPECIFICATIONS

Detailed technical specifications for the Unitech MS840 scanner:

Feature	Description
Brand	Unitech
Model	MS840-SUBBGC-SG
Scanner Type	Hand-held Laser Scanner
Scan Element Type	Laser
Scan Speed / Rate	100 scans/second (100 fps)
Connectivity Technology	Cable (USB)
Interface Type	USB
Compatible Devices	Laptop, Desktop
Product Dimensions (LxWxH)	2.54 x 2.54 x 2.54 cm (25 x 25 x 25 Millimeters)
Item Weight	454 g (453.59 g)
Batteries Required	No
ASIN	B00C4OGY2I

Feature	Description
Global Trade Identification Number (GTIN)	00132017875439
First Available Date	30 April 2013

9. WARRANTY AND SUPPORT

Unitech products are manufactured to high quality standards and come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Unitech website.

For technical support, service, or further inquiries, please contact Unitech customer service through their official channels. Have your model number (MS840-SUBBGC-SG) and ASIN (B00C4OGY2I) ready when contacting support.

*Note: Contact information for Unitech can typically be found on their official website or in the product packaging.*

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