

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [3nStar](#) /

› [3nStar SC402BT Wireless Barcode Scanner User Manual](#)

3nStar SC402BT

3nStar SC402BT Wireless 2D Barcode Scanner User Manual

Model: SC402BT

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your 3nStar SC402BT Wireless 2D Barcode Scanner. The SC402BT is designed for efficient and reliable data collection, supporting both 1D and 2D barcodes, including those displayed on mobile devices. Its wireless capabilities offer flexibility and ease of use in various environments.



Figure 1: 3nStar SC402BT Wireless 2D Barcode Scanner and USB Receiver.

PACKAGE CONTENTS

- 3nStar SC402BT Wireless 2D Barcode Scanner
- USB Receiver
- USB Charging Cable
- User Manual (this document)

SETUP

1. Charging the Scanner

Before initial use, ensure the scanner is fully charged. Connect the USB charging cable to the scanner's charging port and the other end to a USB power adapter (not included) or a computer's USB port. The charging indicator light will show the charging status.

2. Connecting the USB Receiver

The SC402BT connects wirelessly via its dedicated USB receiver. This receiver facilitates communication within a 100-meter range.

1. Insert the USB receiver into an available USB port on your computer or host device.
2. The system will automatically detect and install the necessary drivers. This may take a few moments.



Figure 2: USB Receiver connection point.

3. Pairing the Scanner with the Receiver

The scanner and receiver are typically pre-paired. If pairing is lost or you are connecting a new scanner to an existing receiver, follow these steps:

- Ensure the USB receiver is plugged into your computer.
- Turn on the barcode scanner.
- Scan the specific pairing barcode provided in the quick start guide or on a dedicated pairing card (if applicable). Refer to your product's specific pairing barcode for successful connection.
- A successful pairing will be indicated by an audible beep from the scanner and/or a change in the indicator light status.

Note: One receiver can support up to 99 scanners, making it suitable for multi-scanner environments.

OPERATING THE SCANNER

1. Basic Scanning Operation

To scan a barcode:

1. Point the scanner's window at the barcode you wish to scan.
2. Press and hold the trigger button. A red aiming line or illumination will appear.
3. Position the aiming line across the entire barcode.
4. Once the barcode is successfully read, the scanner will emit a beep and the data will be transmitted to your connected device.



Figure 3: Front view of the scanner, showing the scanning window.

2. Scanning 2D and Mobile Barcodes

The SC402BT is capable of reading various 2D barcodes and barcodes displayed on mobile phone screens, including coupons, mobile tickets, and digital wallets. For optimal performance when scanning from screens, ensure the screen brightness is adequate and avoid glare.

3. Wireless Communication

The scanner maintains a stable wireless connection with the USB receiver up to 100 meters in open areas. Obstacles such as walls or other electronic devices may reduce this range. If the scanner moves out of range, it will store scanned data in its internal memory and transmit it once the connection is re-established.

MAINTENANCE

1. Cleaning the Scanner

To ensure optimal scanning performance, keep the scanner's window clean. Use a soft, lint-free cloth lightly dampened with water

or a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials, as these can damage the scanning window.

2. Battery Care

- Recharge the battery when the low battery indicator is active.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the scanner in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner not reading barcodes.	Barcode damaged or poorly printed; scanning window dirty; scanner out of range; scanner not paired.	Try scanning a different barcode; clean the scanning window; move closer to the receiver; re-pair the scanner.
No data transmitted to computer.	USB receiver not properly connected; scanner not paired; software issue on host device.	Ensure receiver is firmly plugged in; re-pair scanner; check host device's input settings or restart application.
Scanner not turning on.	Battery is low or depleted.	Charge the scanner fully.
Short wireless range.	Environmental interference; physical obstructions.	Reduce interference from other wireless devices; ensure clear line of sight between scanner and receiver.

SPECIFICATIONS

Model: SC402BT

Brand: 3nStar

Product Dimensions: 2.68 x 3.86 x 6.69 inches

Item Weight: 10.9 ounces

Connectivity Technology: 2.4GHz Wireless (USB Receiver), Bluetooth

Scan Rate: 30 frames per second

Power Source: Battery Powered

Compatible Devices: Desktop, Laptop

Communication Distance: Up to 100 meters (open area)

Barcode Compatibility: 1D and 2D barcodes (including mobile phone screens)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official 3nStar website. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: 3nStar

Website: [Visit the 3nStar Store on Amazon](#)



