

Intermec SR31T2D-SU001

User Manual

INTERMEC SR31T2D-SU001 SERIES SR31T DURABLE HANDHELD SCANNER KIT

Model: SR31T2D-SU001

Introduction

The Intermec SR31T2D-SU001 is a durable handheld scanner kit designed for high-performance data capture. This kit includes the SR31T scanner with a 2D EA31 Imager and a SR31-CAB-U001 USB Cable, providing a robust solution for various scanning needs. Its design focuses on maximizing user productivity and setting new standards for ruggedness in general-purpose devices.

The SR31T scanner is engineered to meet current and future scanning requirements, offering reliable operation in demanding environments. It features an IP53 rating, ensuring protection against dust and water ingress.

Package Contents

Verify that all items are present in the package:

- Intermec SR31T Handheld Scanner (with 2D EA31 Imager)
- SR31-CAB-U001 USB Cable
- Documentation (this manual)



Figure 1: Product packaging for the Intermec SR31T2D-SU001 scanner kit. The box is white with the brand name "Intermec" and model number "SR31T2D-SU001" clearly visible on the front.

Setup

Connecting the Scanner

1. Ensure your computer (Laptop or Desktop) is powered on.
2. Locate the USB port on your computer.
3. Connect the smaller end of the SR31-CAB-U001 USB Cable to the port on the base of the SR31T scanner.
4. Connect the larger USB-A end of the cable to an available USB port on your computer.
5. The computer should automatically detect and install the necessary drivers for the scanner. This process may take a few moments.
6. Once installed, the scanner will emit a short beep or flash an indicator light, signifying it is ready for use.

Operating the Scanner

Basic Scanning Procedure

1. Open an application on your computer where you want the scanned data to appear (e.g., a text editor, spreadsheet, or point-of-sale software).
2. Ensure the cursor is active in the field where you intend to input data.
3. Point the scanner's imager window at the barcode you wish to scan.
4. Press and hold the trigger button located on the handle of the scanner. A red aiming beam or illumination will appear.
5. Position the scanner so that the aiming beam covers the entire barcode. For 2D barcodes, ensure the entire code is within the aiming pattern.
6. Once the barcode is successfully read, the scanner will emit a confirmation beep and/or the indicator light will flash. The data will then appear in your active application.
7. Release the trigger button.

2D Imager Capabilities

The SR31T is equipped with a 2D EA31 Imager, allowing it to read a wide range of 1D and 2D barcodes, including QR codes, Data Matrix, and PDF417. This advanced imager provides flexibility for diverse scanning applications.

Maintenance

Cleaning the Scanner

- Regularly clean the imager window with a soft, lint-free cloth.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Do not spray cleaner directly onto the scanner.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the scanner's surface or imager window.

Storage

Store the scanner in a clean, dry environment away from extreme temperatures and direct sunlight when not in use. Protect the USB cable from kinks or excessive bending.

The SR31T has an IP53 rating, indicating protection against dust ingress and spraying water. While durable, it is not designed for submersion or exposure to high-pressure water jets.

Troubleshooting

Problem	Possible Cause	Solution
Scanner not responding	Cable not properly connected; USB port issue; Driver not installed.	Check USB cable connection; Try a different USB port; Restart computer to allow driver reinstallation.
Cannot read barcode	Barcode damaged or poorly printed; Incorrect scanning angle; Imager window dirty.	Ensure barcode is clear; Adjust scanning angle/distance; Clean imager window.
Scanned data appears incorrectly	Keyboard layout mismatch; Application issue.	Verify computer's keyboard language settings; Test in a simple text editor (e.g., Notepad).

Specifications

Feature	Detail
Model Number	SR31T2D-SU001
Brand	Intermec
Connectivity Technology	USB Cable
Imager Type	2D EA31 Imager
Compatible Devices	Laptop, Desktop
Ruggedness Rating	IP53 (protection against dust and water ingress)
Package Dimensions	30 x 25 x 10 inches
Item Weight	6.9 ounces
UPC	661139697150
First Available Date	October 10, 2013

Warranty and Support

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official Intermec (now Honeywell) website. Warranty terms and conditions may vary by region and purchase date.

If you encounter issues not covered in this manual or require further assistance, please contact Intermec (now Honeywell) customer support. Contact details can typically be found on the manufacturer's official website or on your product packaging.

Documents - Intermec – SR31T2D-SU001



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lang:i-klngon score:18 filesize: 5.72 M page_count: 45 document date: 2015-09-30



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