

The logo features the word "Intermec" in a bold, italicized, blue sans-serif font. To its right is a square icon with a white circle and a blue square inside. The background consists of several overlapping, light blue circular and elliptical lines that create a sense of motion or a network.

Intermec



Instructions

RS-232 Bluetooth Adapter

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What Is the RS-232 Bluetooth Adapter?

The RS-232 Bluetooth™ Adapter (Model BSM-RN41) (P/N 203-768-xxx) lets you connect an SF51 or SR61 Cordless Scanner to your host PC. Your shipping contents include these items:

- RS-232 Bluetooth adapter
- Power supply with country-specific power plugs
- Sheet of three Bluetooth association bar codes
- These instructions



Note: Bluetooth is a trademark owned by Bluetooth SIG, Inc., U.S.A.

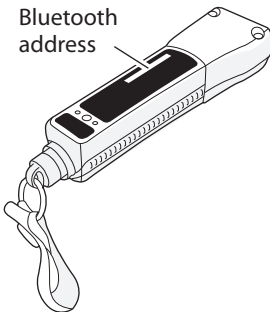


Caution

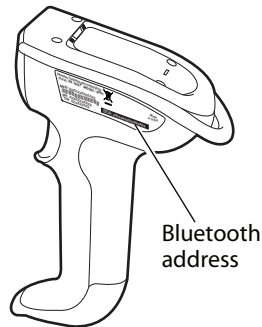
See Compliance Insert for use restrictions associated with this product.

If you need a keyboard wedge application, Intermec recommends Keyport® Lite. Keyport Lite runs on Microsoft® Windows® XP with SP1, 2000, and 98 and supports English QWERTY keyboards. To order Keyport Lite, contact your local Intermec sales representative.

Before you get started, you should note the Bluetooth address of your scanner.



SF51 Bluetooth Address



SR61 Bluetooth Address

To use the Bluetooth adapter

- 1 Install the Bluetooth adapter on your host PC.
- 2 Create a Bluetooth connection between your scanner and host PC.
- 3 Collect data with your scanner.
- 4 (Optional) Configure your Bluetooth communications parameters.

These instructions describe how to perform each step.

Installing the RS-232 Adapter

- 1 Insert the RS-232 adapter into an unused serial COM port on your host PC. Make sure to note the COM port number.



Note: If you are running Keyport Lite, the serial COM port on your host PC must match the COM port selected in Keyport Lite.

If the green light inside the adapter starts blinking, your host PC is providing power to the adapter through Pin 9. You have successfully installed the adapter.

If the green light inside the adapter is not blinking, you need to supply power to the adapter. Continue with Step 2.

- 2 Attach the appropriate country-specific power plug to the power supply.
- 3 Connect the power supply to the RS-232 adapter and AC power. The green light inside the adapter starts blinking.

Creating a Bluetooth Connection

This section describes how to create a Bluetooth connection with:

- HyperTerminal.
- Keyport Lite.

Creating a Bluetooth Connection With HyperTerminal

- 1 Start HyperTerminal.

- 2 In the **Name** field, enter a name for your new connection, and click **OK**.
- 3 In the **Connect using** field, select the COM port that you inserted the RS-232 adapter into, and click **OK**.
- 4 On the **Port Settings** tab, choose these settings:

Setting	Value
Bits per second	38400
Data bits	8
Parity	None
Stop bits	1
Flow control	None

- 5 Click **OK**.
- 6 From the **File** menu, select **Properties**.
- 7 Click the **Settings** tab.
- 8 Click **ASCII Setup**.
- 9 Select the **Echo typed characters locally** check box, and click **OK**.
- 10 Click **OK** again.
- 11 To turn on your scanner, press the **Scan** button or pull the trigger.
- 12 Scan the Bluetooth association bar code label that ships with the adapter.

When the scanner connects to your host PC, it emits a series of beeps from low to high, and the blue Intermec Ready-to-Work™ indicator turns on and stays on.

- 13 To test the connection, scan this Code 39 test bar code:

Code 39 Test Bar Code



123456

The data “123456” appears in the HyperTerminal window.

Creating a Bluetooth Connection With Keypoint Lite

- 1 Start Keypoint Lite.
- 2 From the **Window** menu, select **Change Registration**. The Registration Form appears.
- 3 Fill in the information on the Registration Form, and click **OK**.
- 4 From the **Window** menu, select **Options**. The Options window appears.
- 5 Choose these settings:

Setting	Value
Port	com x , where x is the number of the physical COM port you inserted the adapter into
Baud	38400
Parity	none
Data Bits	eight
Stop Bits	1

- 6 Click **OK**.
- 7 To turn on your scanner, press the **Scan** button or pull the trigger.
- 8 Scan the Bluetooth association bar code label that ships with the adapter.

When the scanner connects to your host PC, it emits a series of beeps from low to high, and the blue Intermec Ready-to-Work indicator turns on and stays on.
- 9 On the Keypoint Lite window, click the **Start** button. Your SR61 is connected to your host PC as a keyboard wedge.
- 10 To test the connection, start your data collection application. Make sure that your application is configured to accept data from the physical COM port that you inserted the RS-232 Bluetooth adapter into.

11 Scan this Code 39 test bar code.

Code 39 Test Bar Code



123456

The data “123456” appears in your application window.

For more information about Keyport Lite, see the documentation that ships with the product.

To disconnect

- Scan this bar code:

Bluetooth Device Disconnect



\60\02\52\05\00\00\06\00\00\00\00\00\00\00\00

The scanner disconnects from your host PC, emits a series of beeps from high to low, and the blue Intermec Ready-to-Work indicator turns off.

Collecting Data With Your Scanner

- 1 If necessary, configure your data collection application to receive data from the physical COM port that you inserted the RS-232 Bluetooth adapter into.
- 2 Connect to your PC from your scanner and start your data collection application.
Or, connect to your scanner from your host PC using your data collection application.
- 3 Scan a bar code with your scanner. The data is entered into your application.

Modifying Configuration Parameters (Optional)

You can use a terminal emulator application, such as HyperTerminal to enter command mode and modify the RS-232 Bluetooth adapter's configuration parameters. Command mode can be useful if you are:

- creating a host-initiated Bluetooth connection.
- debugging or programming an application.



Note: You can only enter command mode if the RS-232 Bluetooth adapter is not connected to a Bluetooth scanner. If the adapter is in command mode and a Bluetooth connection is made, the adapter automatically exits command mode.

For more information about modifying configuration parameters, visit the Intermec support services knowledge base (Knowledge Central) at intermec.custhelp.com.



Worldwide Headquarters
6001 36th Avenue West
Everett, Washington 98203
U.S.A.

tel 425.348.2600

fax 425.355.9551

www.intermec.com

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