RS2100

Quick Start Guide

ZEBRA

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Features

This section lists the features of the RS2100.

Figure 1 RS2100 Features

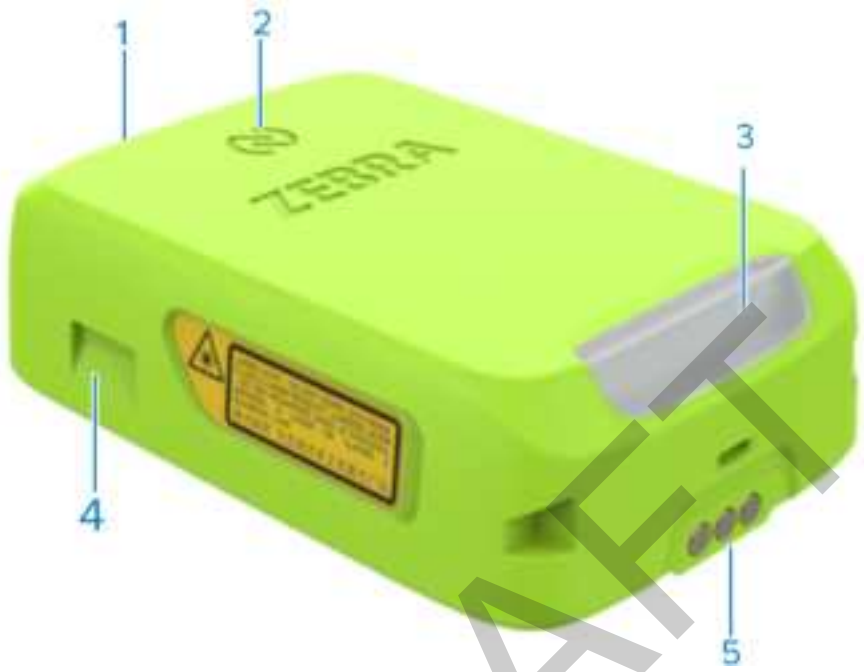


Table 1 Features Top View

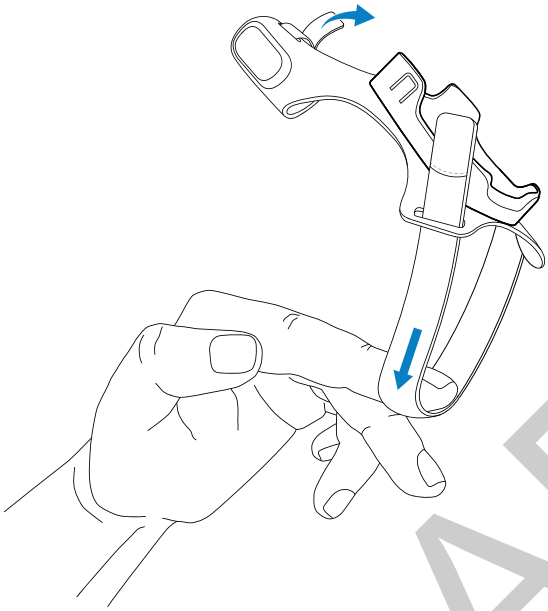
Feature Callout	Feature Name
1	Imager Window
2	NFC Icon
3	System LED
4	Mounting Tabs
5	Charging Contacts

Placing the Mount on Your Hand

Slide the scanner mount onto your hand with the Scan Trigger next to your thumb.

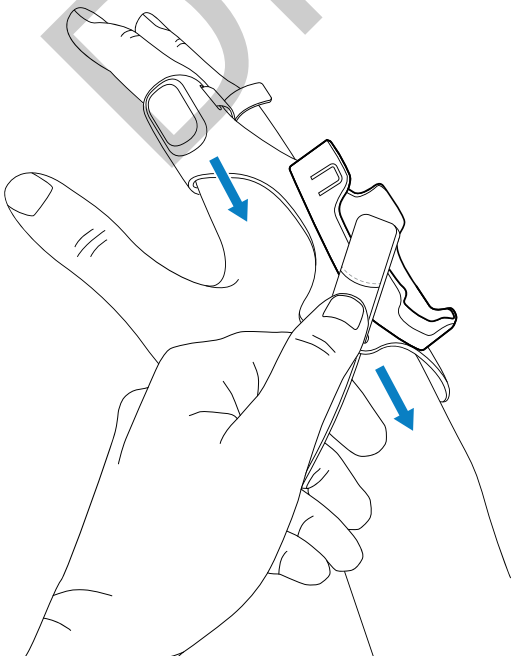
1. Loosen the finger and wrist straps.

Figure 2



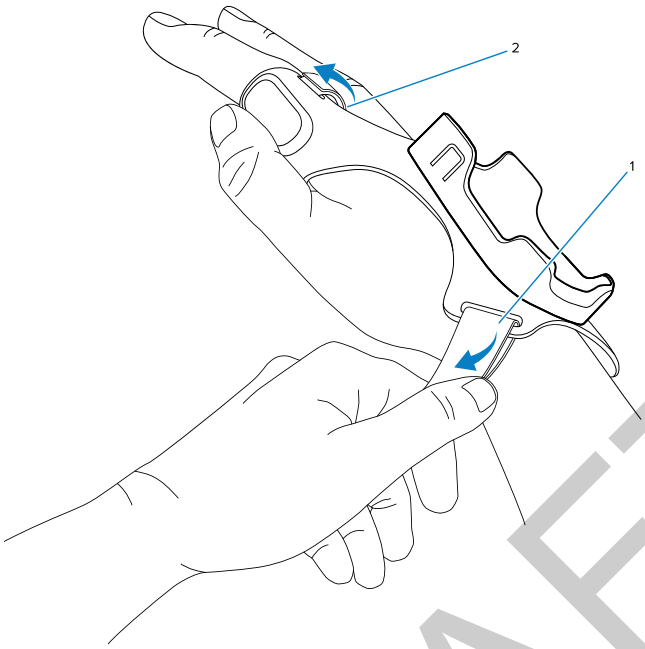
2. Slide your hand through the wrist strap, and your index finger through the finger strap.

Figure 3



3. Pull the mount onto your hand until the wrist strap sits comfortably on your wrist and the finger strap is at the base of your finger. Secure the straps.

Figure 4



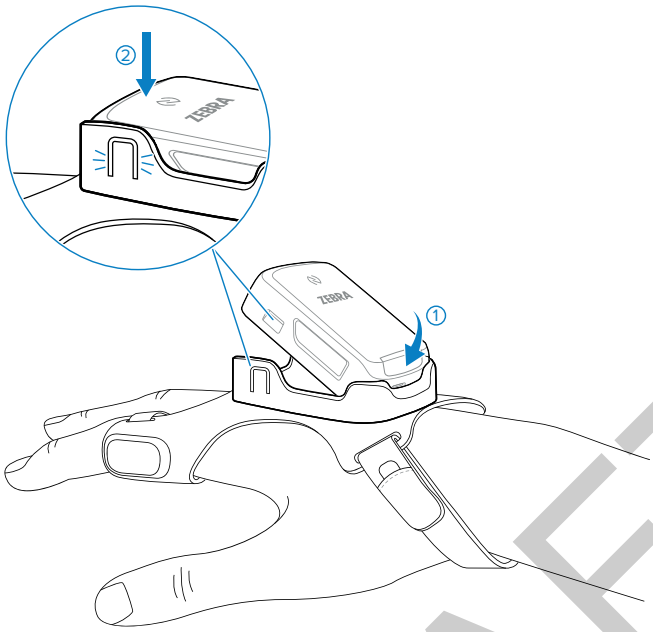
Mounting the Scanner

Mount the scanner onto the Mounting Accessory.

1. Place the tail end of the scanner in the mount.

2. Press the front end of the scanner into the mount. Push down firmly until the latches close around the scanner.

Figure 5



The back-of-hand mount is ready to be worn.

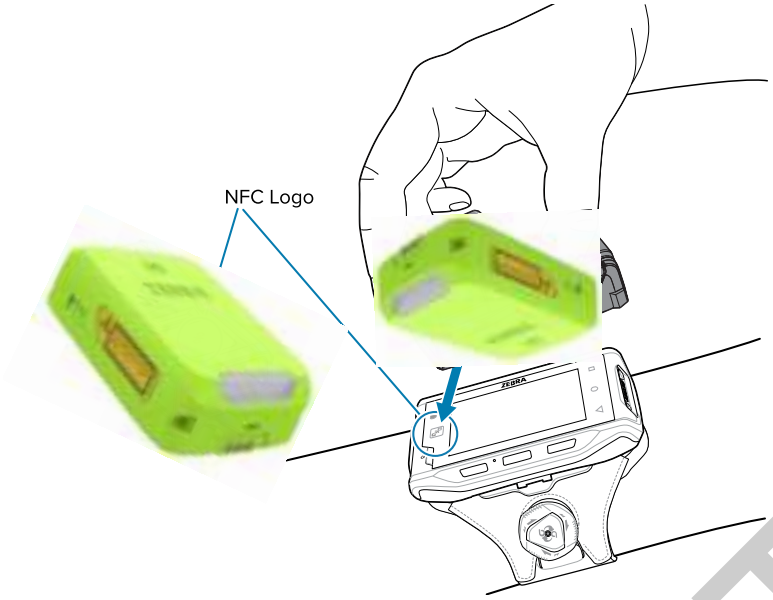
Pairing using NFC Tap-to-Pair

The RS2100 is NFC-enabled and supports Bluetooth Tap-to-Pair.

To connect with an NFC-enabled device such as the WT6300 or TC52:

1. Ensure NFC is enabled on the device.
2. Align the NFC icon on the RS2100 with the NFC icon on the device.

   The Status LED blinks blue, indicating that the RS2100 is attempting to establish a connection with the device. When a connection is established, the Status LED turns off, and the RS2100 emits a single string of low/high beeps.



NOTE: Not all Zebra devices support NFC readers and the Tap-to-Pair feature.

Pairing to a Mobile Device via Bluetooth

To pair the RS2100 with a mobile device using a Simple Serial Interface (SSI):

1. On the device, open **Settings** > **Bluetooth Pairing Utility.**

   The Bluetooth Pairing Utility opens.

2. Using the RS2100, scan the barcode on the screen.

   The Status LED blinks blue, indicating that the RS2100 is attempting to establish a connection with the device. When a connection is established, the Status LED turns off, and the RS2100 emits a single string of low/high beeps. The device indicates a successful pairing attempt with a toast notification (audio and visual). When the Bluetooth connection is established, dialog box notifications display on the device's screen.

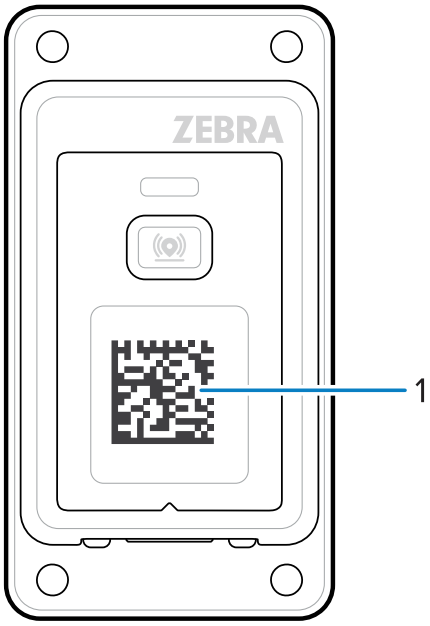
3. On the device, touch to return to the main screen.

Pairing With a Bluetooth Adapter

To pair the RS2100 with a host computer using a Bluetooth Adapter (BT-RS5X6-DNGL-01):

1. Ensure the scanner is in factory default mode. Scan the factory default barcode to return the scanner to its factory default settings.

2. Using the RS2100, scan the pairing code (1) on the adapter.



The Status LED blinks blue, indicating that the RS2100 is attempting to establish a connection with the device. When a connection is established, the Status LED turns off, and the RS2100 emits a single string of low/high beeps.

Scanning

The scanner uses digital camera technology to take an image of a barcode, and software algorithms to extract barcode data from that image. the RS2100 uses the SE4770 scan image, which displays a red crosshair aimer.

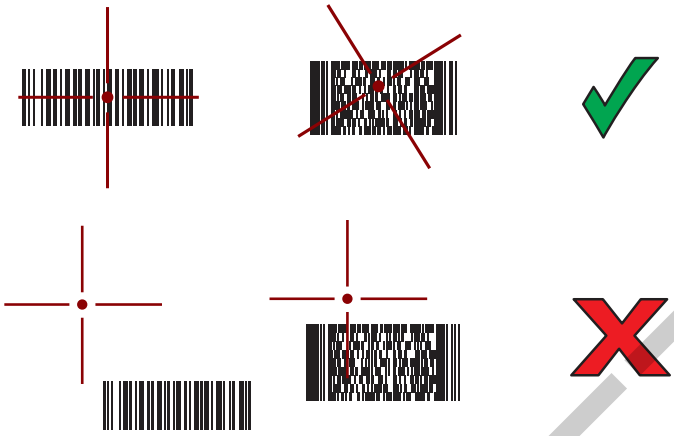
Scanning with SE4770

To scan a barcode:

1. Press the Trigger and aim the Scan Window at the barcode.

2. Adjust the scanner's position so that the red cross-hair appears at the center of the barcode.

Figure 6



The Status LED illuminates red. Upon successful decoding, the Status LED changes from red to green, and an audible beep sounds.

Charging

Use the 2-slot charger to charge the scanner. Note that this charger does not provide communication functionality.

NOTE: Follow the guidelines for battery safety described in the RS2100 Product Reference Guide.

The scanner ships in a battery-saving mode. To exit battery-saving mode and enable scanning, insert the scanner into the charger.

2-D Charger

The 2-Slot Charger charges up to two scanners.

Battery Charging

The RS2100 charging LED indicates scanner battery charging status.

Table 2 Charging LED Indicators

State	Indication
Off	The battery is not charging. The RS2100 is not inserted correctly in the cradle or charger or is not connected to a power source. Cradle is not powered.
Solid Amber	Battery is charging.
Solid Green	Battery charging is complete.
Fast Blinking Red (2 blinks/second)	Charging error, such as: • Battery temperature is too low or too high for charging. • The battery has reached the charge cycle time-out period. Battery charging has gone on too long without completing a full charge cycle (typically eight hours).

Charge batteries in temperatures from 5°C to 40°C (41°F to 105°F). The standard battery charges from 0% to 90% in less than two and a half hours at room temperature. When the charging temperature is between 5°C to 10°C (41°F to 50°F), the standard battery charges in less than five hours.

The device and charger monitor battery temperature. Battery charging is only performed when the battery is within safe charging temperature limits. At higher temperatures (at approximately +35 °C (+95 °F) the device or charger may, for small periods of time, alternately enable and disable battery charging to keep the battery at acceptable temperatures. This process may increase charging time. The RS2100 or charger indicates when charging is disabled due to abnormal temperatures via the Status LED.

Ergonomic Considerations

The scanner allows the user to enjoy the following benefits:

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures