Release Notes – Zebra RS5100 - CAAEXS00-005-R01

Highlights

The RS5100 Ring Scanner is a wearable barcode scan solution for both 1D and 2D barcode symbologies. The RS5100 is also compatible with a wide range of mobile computers communicating over Bluetooth.

Software Packages

Description	Version
Build Number	CAAEXS00-005-R01

Important Note:

- CAAEXS00-005-R00 has been deprecated. RS5100 Ring Scanners with CAAEXS00-005-R00 must immediately be updated to CAAEXS00-005-R01.

New Features

- Added BLE beaconing support for device location tracking.

Resolved Issues

- SPR-51458 – Scanner can now use Scan-to-Pair while currently connected.
- SPR-51744 – Firmware will now be updated for all supported SKUs.

Known Constraints

- On WT6000 L device, the Device Central app does not support RS5100.
- On all Zebra host devices, RS5100's HID LE mode is not supported.
- Do not use RS507PCTool.exe to update RS5100 FW. This tool is only meant for RS log collection.
- In certain circumstances, the RS5100 must be manually re-paired to the host computer after firmware update.

Installation Instructions

Please charge the RS5100's battery before attempting firmware update.

Using the 123scan2 application over Bluetooth:

1. Download and install the 123Scan2 application from https://www.zebra.com/123scan2

2. Launch the 123Scan2 application and select 'Update scanner firmware'.

3. At 'No scanner was found' dialog, select 'To pair over Bluetooth, click here'.

4. Scan the pairing barcode on screen.

5. Wait for the pairing completion and 'Update firmware' dialog to show. If Windows prompts to add the RS5100, ignore the message.

6. Choose one of the presented options and press 'Update firmware'.

7. Wait for the firmware update to complete and scanner to reboot and reconnect.

8. Wait for "It is now safe to disconnect the scanner" message in the dialog box.

9. Firmware update is completed.

Using Zebra Device Central application on a Zebra Android mobile computer:

1. Connect the Zebra mobile computer to your PC using USB.

2. To see the Zebra mobile computer device's filesystem on your PC, in the notification bar, select "USB Charging this device" and select "Transfer files".

3. Copy the firmware file to "Internal storage > Android > data > com.symbol.devicecentral" directory.

4. Pair the RS5100 with the Zebra mobile computer using scan-to-pair or NFC tap-to-pair.

5. Start "Device Central" app.

6. Select the RS5100 scanner from the scanner list.

7. Select "Firmware Update".

8. Select "BROWSE FILE" and select the firmware file.

9. Select "UPDATE FIRMWARE"

10. Select "Yes" on the dialog and firmware update will start.

11. When the firmware update is successful, the RS5100 will reboot by itself.

Addendum

Device Compatibility

This software release has been approved for use on the following devices.

Part Number	Description
RS51B0-LBSNWR / RS51C0-LBSNWR	4710 Worldwide
RS51B0-TBSNWR / RS51C0-TBSNWR	4770 Worldwide

RS51B0-LBSSCN / RS51C0-LBSSCN	4710 China
RS51B0-LBBHWR / RS51C0-LBBHWR	4710 Back-of-Hand, Worldwide
RS51B0-LBDNWR / RS51C0-LBDNWR	4710 Double trigger, Worldwide
RS51B0-LBDUCN / RS51C0-LBDUCN	4710 Double trigger USB, China
RS51B0-LBLNWR / RS51C0-LBLNWR	4710 Lanyard, Worldwide
RS51B0-LBSNIK / RS51C0-LBSNIK	4710 India/South Korean
RS51B0-TBSNIK / RS51C0-TBSNIK	4770 India/South Korea
RS51B0-LEDNWR / RS51C0-LEDNWR	4710 Extended battery, Double trigger, Worldwide
RS51B0-LESNWR / RS51C0-LESNWR	4710 Extended battery, Single trigger, Worldwide
RS51B0-TBBHWR / RS51C0-TBBHWR	4770 Back-of-Hand, Worldwide
RS51B0-TBDNWR / RS51C0-TBDNWR	4770 Double trigger, Worldwide
RS51B0-TBLNWR / RS51C0-TBLNWR	4770 Lanyard, Worldwide
RS51B0-TEDNWR / RS51C0-TEDNWR	4770 Extended battery, Double trigger, Worldwide
RS51B0-TESNWR / RS51C0-TESNWR	4770 Extended battery, Worldwide
RS51B0-WESNIK / RS51C0-WESNIK	4770 White illumination, Extended battery, India/South Korea
RS51B0-WBSNIK / RS51C0-WBSNIK	4770 White illumination, India/South Korea

Revision History

Rev	Description	Date
1.1	Updated to Release 000-R02	April 20, 2023

| 2.0 | Updated to Release 005-R00 | October 19, 2023 |
| 3.0 | Updated to Release 005-R01 | December 15, 2023 |