Release Notes – Zebra RS6100 - CAAFYS00-002-R02

Highlights

The RS6100 Ring Scanner is a wearable barcode scan solution for both 1D and 2D barcode symbologies. The RS6100 is also compatible with a wide range of mobile computers communicating over Bluetooth.

Description

This is the initial firmware release for the RS6100 and includes support for the following features:

1. Supports an assortment of accessories including various triggers and a corded adapter.

2. The latest in 1D/2D scanning technology.

3. Bluetooth 5.2, Class 1 and Class 2.

4. NFC tap to pair for ease of Bluetooth pairing with Zebra mobile computers.

Contents

Description	Version
Build Number	CAAFYS00-002-R02

Device Compatibility

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

Part Number	Description
RS61B0-KBSSZWR	RS6100 Wearable Scanner, SE55, Standard Battery, Single Trigger, 0C to +50C Operation, Worldwide
RS61B0-KESSXWR	RS6100 Wearable Scanner, SE55, Extended Battery, Single Trigger, -30C to +50C Operation, Worldwide
RS61B0-KBDSZWR	RS6100 Wearable Scanner, SE55, Standard Battery, Double Trigger, 0C to +50C Operation, Worldwide

RS61B0-KEDSXWR	RS6100 Wearable Scanner, SE55, Extended Battery, Double Trigger, -30C to +50C Operation, Worldwide
RS61B0-KBENZWR	RS6100 Wearable Scanner, SE55, Standard Battery, Enterprise Hand Mount, 0C to +50C Operation, Worldwide, Includes Mounting Frame and Trigger
RS61B0-KEENXWR	RS6100 Wearable Scanner, SE55, Extended Battery, Enterprise Hand Mount, -30C to +50C Operation, Worldwide, Includes Mounting Frame and Trigger
RS61B0-KBBHZWR	RS6100 Wearable Scanner, SE55, Standard Battery, Back of Hand Mount, 0C to +50C Operation, Worldwide
RS61B0-KNNTZWR	RS6100 Wearable Scanner, SE55, No Trigger, No Battery, Worldwide
RS61B0-KBDUZCN	RS6100 Wearable Scanner, SE55, Standard Battery, Double Trigger, USB-C, 0C to +50C Operation, China
RS61B0-KBSSZIK	RS6100 Wearable Scanner, SE55, Standard Battery, Single Trigger, 0C to +50C Operation, India/Korea
RS61B0-KESSXIK	RS6100 Wearable Scanner, SE55, Extended Battery, Single Trigger, -30C to +50C Operation, India/Korea

Known Constraints:

• Decode session timeout is limited to a maximum of 4 seconds.

• At temperatures between -10C and -20C, scanner illumination is decreased and focus ramping is slowed.

• At temperatures below -20C, the maximum decode session timeout is reduced to 0.8 seconds.

• Current firmware may show longer time to decode than expected when scanning large barcodes at distances of 7 inches to 12 inches. This will be corrected in a future firmware update.

Installation Instructions

Please charge the RS6100'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 RS6100, 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 RS6100 with the Zebra mobile computer using scan-to-pair or NFC tap-to-pair.

5. Start "Device Central" app.

6. Select the RS6100 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 RS6100 will reboot by itself.

Revision History

Rev	Description	Date
1.0	Initial release	January 10, 2023