

Release Notes – RS5100 CAAEXS00-001-R05

Highlights

This is an updated firmware for RS5100 single finger ring scanner based on CAAEXS00-001-R02 firmware.

New Features

- Improved top trigger feel across temperature ranges.
- Added battery authentication support. Non-Zebra batteries will not be charged by RS5100.
- Added PARAM_BT_AUTO_UNPAIR (#1708) to support BT auto unpair when docked and/or rebooted.
- Added PARAM_BELL_INDICATION (#838) support for BELL character in SPP profile.

Resolved Issues

- Fixed an issue where trigger was not working after BT connection request rejected by the host device.
- Fixed an issue with unintended blinking red LED shown when trigger pressed at below 0 C temperature.
- Fixed forced disconnect from WT41 when trigger used right after BT connection.
- Default 4710 scan engine illumination level increased for better performance.
- Improves picklist aimer accuracy on both 4710/4770 SKUs.

Installation

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 the WT6000 N

1. Connect the WT6000 N to your PC using USB.
2. To see the WT6000 N device's filesystem on your PC, in the WT6000 N 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 WT6000 N 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.

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.

Addendum

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

Device	Comments
RS51B0-LBSNWR	4710 Worldwide
RS51B0-TBSNWR	4770 Worldwide
RS51B0-LBSSCN	4710 China