

Release Notes 1.7.R00 (changes since 1.3.R56)

1. New data over USB interface support (not enabled by default):

- > Barcode data via USB HID
- > RFID data via USB HID
- > RFID data via USB CDC (RS-232 virtual COM port) using the text-based ZETI protocol (requires Zebra USB CDC driver for Windows available from Zebra support site)

2. New -Cable connection- in 123Scan2 to configure USB connection mode: SNAPI (default), HID, and CDC

> New 123Scan2 CDC option, under Cable->USB section, called - Static CDC - allows the RFD8500 to return a generic GUID as part of USB enumeration so that the same COM port is allotted on the PC for any connected RFD8500 (keep this option disabled if multiple RFD8500s are planned to be used on same PC)

- > New iOS RFID SDK enhancements to support the following
 - > Asynchronous access operations
 - > Access Sequence Support
 - > Gen2V2

2. New Android RFID SDK

3. New RFID Demo App based on the Android SDK

4. Updates to ZETI based RFID Demo app for Android

- > Support NFC BT pairing with Zebra TC55 (for RFD8500i only)
- > Tag list match mode using a CSV file useful to quickly discern missing and stray tags

5. New support to configure the RFD8500 to report unique tags using the iOS and Android RFID demo apps

> Parameter 1632 configures the time to enter low power mode: default 5 seconds, range is 5 to 65535 seconds, 65535 effectively disables low power

> Parameter 1633 configures the time to enter off mode: default 1800 seconds, range is (value of) parameter 1632 to 65535 seconds, 65535 effectively disables off mode

- > Ability to disable Mode button and Bluetooth button for single button functions.
- > Parameter 1673 - Enable / Disable Bluetooth
- > Parameter 1678 - Enable / Disable Bluetooth button functionality
- > Parameter 1679 - Enable / Disable Mode button functionality

- > Parameter 1677 - Parameter to control duty cycle
- 6 Parameter 1631 configures time to remain in Bluetooth discoverable mode: default 40 seconds, range is 0 to 600 seconds
- 7 New Bluetooth pairing and connection confirmation options
- 8 Charging status shown in the decoder LED when the RFD8500 is placed on charging cradle
- 9 New Bluetooth SPP port for management functions
- 10 Support for new regulatory regions India and Israel with new SKUs.
- 11 Added new countries to the RFID regulatory country list
- 12 Japan is supported with two SKUs
 - > Standard Power - 1 W with LBT support (listen before talk)
 - > Low Power - 250 mW
- 13 Fixed intermittent RFID issue that caused inefficient tag reads until the antenna was placed close to a tag
- 14 Fixed USB enumeration issue when multiple RFD8500 are upgraded at the same time with 123Scan2
- 15 Addressed issues related to Bluetooth auto reconnection with iOS devices
- 16 Other miscellaneous bug fixes