RFD40 Software Release Notes (SAAFKS00-002-R01)

Release Notes for RFD40 SAAFKS00-002-R01 Released Jan/24/2022

Contents

Introduction

These release notes are for the RFD40 release SAAFKS00-002-R01, firmware supports all RFD40XX models

Software Deliverables

SAAFKS00-002-R01 contains the following firmware components:

IMAGE TYPE	VERSION	FILE NAME
RFD40 Bootloader	BAAFKS00-002-R00	BAAFKS00-002-R00E0.DAT
RFD40 ProductCode Firmware	PAAFKS00-002-R01	PAAFKS00-002-R01E0.DAT
RFID module Firmware	2.0.41	nge-bf525-dev-rev2.0.41.hex
Scanner firmware	PAAEOC20-003-R01	PAAEOC20-003-R01D0.DAT

SAAFKS00-002-R01 major changes since SAAFKS00-001-R05

- Supports all RFD40 Bluetooth models, supports Windows, Android and iOS Bluetooth host
- Supports all RFD40 scanner models
- Supports encrypted RFID and scanner module firmware update
- Fixes long term RFID inventory fastest read profile stop reading issue
- Supports USB and Bluetooth HID mode
- Supports Bluetooth and USB RFID batch mode
- Supports Bluetooth scanner batch mode

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Additional Notes

- The minimum requirement of firmware version for upgrade to SAAFKS00-002-R01 or above is SAAFKS00-002-R00. If reader is updated from firmware older than SAAFKS00-002-R00, updating to SAAFKS00-002-R00 first is required before updating SAAFKS00-002-R01.
- Only RFD40 standard models can be downgraded to firmware version lower than SAAFKS00-002-R00, e.g. SAAFKS00-001-R05
- Firmware version SAAFKS00-002-R00 cannot be used for regular operations, it is used only for upgrading purpose
- Zebra CDC driver should not be installed on Windows 10
- USB scanner batch mode is not supported

Known issues

- When waking up from Bluetooth HID low power mode, all LEDs may blink red, and RFID may not work
- Scanner firmware update may fail intermittently, retry will work
- After switching from USB host to common IO host and then detach terminal from common IO, intermittently Bluetooth is not turned on, Blueooth LED is off
- If Bluetooth is connected and disconnected quickly and frequently, intermittently Bluetooth LED may stay on when Bluetooth is disconnectd