



# Release Notes

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*Scanner SDK for Android v2.4*  
*October 2019*

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## Overview

The Zebra Scanner SDK for Android enables cordless scanners to be connected and controlled by a tablet / smart phone without using a cradle, after pairing over Bluetooth. Scanning a pairing barcode appeared in tablet/smart phone display will make the device paired and connoted with the application.

Furthermore, it supports controlling USB scanner connected to tablet / smart phone.

Functionality,

1. Display bar code data within a tablet / phone application.
2. Apps using the SDK can command and control the scanner.
  - a. LED and Beeper Control.
  - b. Aim Control.
  - c. Enable/disable Symbologies.
  - d. Scanning control
    - i. Remote scanner trigger (i.e. Host app initiated triggering).
    - ii. Enable/disable scanning.
  - e. Event notification.



- i. Scanner available / unavailable.
    - ii. Scanner connected / disconnected from host.
    - iii. Bar code data transmission (i.e. host gets event stating bar code has been scanned).
  - f. Automatic reconnection to last connected scanner (i.e. scanner goes out range and then returns).
  - g. Enable/Disable the pager vibrating motor.
3. Device Configuration (Get, Set and Store Scanner attributes).
4. Asset Tracking.
  - a. Model number
  - b. Serial number
  - c. Date of manufacture
  - d. Firmware
5. Get Pairing barcode
6. Update scanner firmware

The SDK also includes source code for the “Scanner Control” app available from the Google Play store (<https://play.google.com/store/apps/details?id=com.zebra.scannercontrol.app> ).

For the latest SDK updates, please visit [Zebra Scanner SDK](#)

For support, please visit <http://www.zebra.com/support>.

## Device Compatibility

For the compatible devices list, please visit following page.

<https://www.zebra.com/us/en/support-downloads/software/developer-tools/scanner-sdk-for-android.html>

## Version History

### Version 2.4.10 – 10/2019

1. Added Android 10 support
2. Added AndroidX library structure support
3. Improved device discovery, which improved thread management

### Version 2.4.7 – 08/2019

1. Bug fix – Fixed and issue in SDK, a crash with unclosed threads.

### Version 2.4.6 – 06/2019

1. Bug fix – Fixed an issue with writing a RFID tag (send the correct RMD packet, and correct data type for RFID tag reads).



## Version 2.4.5 – 04/2019

1. Scanner Control App (SCA) - Added scale support on DataView tab for MP class scanners.

## Version 2.4.2 – 10/2018

2. More stable and fast Video capture over SNAPI communication protocol.
3. Android 9 "Pie" support

## Version 2.4.1 – 08/2018

1. Added support for Image capture, Video capture and Intelligent Document Capture (IDC) over USB cable using SNAPI communication protocol.
2. Bug fix – Bluetooth (LE) Low Energy communication now more reliable and faster (i.e. firmware update is faster).

## Version 2.3.2 – 05/2018

1. Fixed critical security vulnerability reported by Android bug.

## Version 2.3.1 – 04/2018

1. Optimized text of enter Bluetooth MAC address screen.
2. Optimized pair barcode presentation when shown on tablet in landscape mode.

## Version 2.2.0 – 01/2018

1. Image Capture support.
2. Scan Speed Analytics in Scanner Control application.

## Version 2.1.0 – 07/2017

1. Bluetooth LE support.
2. Cascaded device support.

## Version 2.0.8 – 01/2017

1. Android 7.x support.
2. DS8178 and DS2278 support.

## Version 2.0.4 – 09/2016

1. Firmware update support.
2. New Scanner Control application.

## Version 1.1.0 – 06/2016

1. ScanToConnect pairing barcode support.
2. USB SNAPI scanner support.

## Version 1.0.0 – 10/2015

1. Initial SDK release.



## Components

The SDK ZIP file contains the following components:

- Android Studio project includes Scanner Control App code.
- Scanner Control App (APK file).
- AAR SDK library.
- SDK JavaDoc HTML.

## Installation

Supported operating systems:

- Android 4.4 ,5.x,6.x,7.x,8.x, 9.x and 10