

Mobile Barcode Scanner Callable SDK

Introduction:

The ScanLife mobile application converts virtually any camera phone into a barcode scanner which can read major 2D barcode formats like Datamatrix, EZcode, & QR code, and 1D formats like UPC/EAN. The application is being used by millions of people around the world, and it is being pre-loaded as a standard feature by mobile operators and handset manufacturers like Sprint, Telefonica, Orange, LG, Motorola and more.

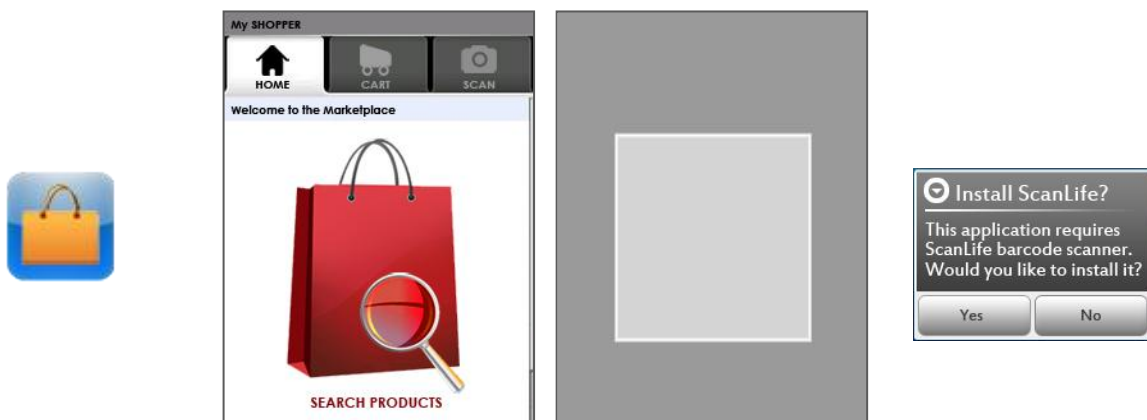
Marketers and media publishers are also using the ScanLife Code Management Platform (www.scanlife.com) to create, manage and track their barcode campaigns. Just choose from a wide variety of code actions, change your codes any time, and view rich analytics like number of scans/users, demographics, location data, and more.

SDK Benefits:

Now, developers can launch a generic version of ScanLife right from a 3rd party app, or a mobile web browser. The scanner will perform all scanning actions available through the standard ScanLife app, but allows you to control the environment for your user. This provides a complete mobile barcode experience for any marketer, retailer, or media publisher that is already using 1D or 2D barcodes.

- √ Minimal integration & time to deploy
- √ One the most widely used apps of its kind
- √ Leverages a robust quality assurance process
- √ Free to any 3rd party developer

User Flow:



1) User opens 3rd party app or URL

2) User clicks on Scan icon from app or browser

3) Generic scanner launches

3a) If ScanLife is not on device, it is downloaded, and returns to app to launch scanner

The developer can choose to launch the barcode action directly from the app as usual, or an Enterprise version can be used to send the code value back to the application to launch a more controlled experience. This is ideal for retailers that want to control content from existing UPC codes which may be sold through multiple channels. (*The Enterprise version will be available soon.*)

Supported Operating Systems & Code Formats:



Coming Soon

You may use existing 1D or 2D barcodes, or **use the ScanLife Code Management Platform to register or generate codes which link to specific content or a database.**

Currently supported barcode formats:



EZcode



Datamatrix



QRcode



JAN/EAN, UPC, CODE39, CODE128

Costs:

There are no costs to use the SDK. For the best user experience, please contact us about using the ScanLife Code Management Platform to create new codes, or register existing codes (please inquire about *ScanLife Packaging Connect* to register existing UPC codes).

Getting Started:

To get started, you will need to do the following:

1. Accept the SDK license agreement (separate document)
2. Follow the below integration documentation

Using ScanLife from Android Application:

If the ScanLife application is installed on an Android device, it can be invoked by another third party application using the Intent mechanism. There are 2 ways to launch the ScanLife application:

Approach #1 - Via Class name:

```
// create the intent
Intent intent = new Intent();
intent.setClassName("com.ScanLife", "com.ScanLife.ScanLife");
// set URI to start the scanning mode.
Uri uri = Uri.parse("scanlife://sdk/scan");
intent.setData(uri);
// start scanlife
startActivity(intent);
```

Approach #2 - Via URI:

```
Intent intent = new Intent(Intent.ACTION_VIEW,
Uri.parse("scanlife://sdk/scan"));
// start scanlife
startActivity(intent);
```

If the ScanLife application *is not installed* on the device then the third party application can trigger the download of the application by trapping the **ActivityNotFoundException** and launching the details page of the ScanLife application as shown in the example below:

```
Intent intent = new Intent(Intent.ACTION_VIEW, Uri.parse("market://details?id=com.ScanLife"));
startActivity(intent);
```

Complete Example:

```
try{
    // Launch ScanLife
    Intent intent = new Intent();
    intent.setClassName("com.ScanLife", "com.ScanLife.ScanLife");
    Uri uri = Uri.parse("scanlife://sdk/scan");
    intent.setData(uri);
    startActivity(intent);
} catch (ActivityNotFoundException ex) {

    // Launch the Download of ScanLife
    new AlertDialog.Builder(this)
        .setTitle("Install ScanLife?")
        .setMessage("The application requires ScanLife Barcode Scanner. Would you like to install it?")
        .setPositiveButton("Yes", new DialogInterface.OnClickListener() {
            public void onClick(DialogInterface dg, int v) {
                Intent intent = new Intent(Intent.ACTION_VIEW, Uri.parse("market://details?id=com.ScanLife"));
                startActivity(intent);
            }
        })
        .setNegativeButton("No", new DialogInterface.OnClickListener() {
            public void onClick(DialogInterface dg, int v) {
            }
        })
        .show();
} catch (Exception ex) {
}
```

Lanching ScanLife from Web Browser:

The ScanLife application can also be invoked from the web browser via the URI mechanism. The URI: scanlife://sdk/scan can be used to launch the ScanLife application (with the scanner screen open) from the web browser.

Sample construction of the anchor link:

```
<a href="scanlife://sdk/scan">Launch ScanLife</a>
```

Contact Us:

For questions or support, please contact Scanbuy at support@scanlife.com.

