

MRZScanner Guide for Flutter

Installation guide

Please follow these simple steps to integrate our SDK into your project:

1. Add the following dependency to *pubspec.yaml*:

```
Mrzflutterplugin: ^1.0.0
```

2. In your main.dart import the plugin:

```
Import 'package:mrzflutterplugin/mrzflutterplugin.dart';
```

iOS

1. The MRZScanner plugin requires camera usage so you need to specify the camera usage description in iOS project's *Info.plist*:

```
<key>NSCameraUsageDescription</key>
```

```
<string>Camera is required for MRZ scanning </string>
```

API Methods

**Activates the scanner, with a default `SCANNER_TYPE_MRZ` if not specified.*

`MrzScanner.startScanner()`

** Returns a base64 string of the scanner id image.*

`MrzScanner.captureIdImage()`

** Resume scanning after the scanner has been paused/stopped. Usually after a successful scan.*

`MrzScanner.resumeScanning()`

** Stop and close the scanner.*

`MrzScanner.closeScanner()`

** @return the currently set date format in which the parsed dates are formatted.*

** Set the date format in which the parsed dates are formatted.*

** @param `dateFormat` the pattern describing the date format. Example: "dd.MM.yyyy"*

`MrzScanner.setDateFormat(String dateFormat)`

** @return the current SDK Version.*

`MrzScanner.sdkVersion(): String`

** Specify whether the scanner should detect and return result for IDs.*

** @param isIDActive [true, false]. The default value is true.*

`MrzScanner.setIDActive(isIDActive: Boolean)`

** Specify whether the scanner should detect and return result for passports.*

** @param isPassportActive [true, false]. The default value is true.*

`MrzScanner.setPassportActive(isPassportActive: Boolean)`

** Specify whether the scanner should detect and return result for visas.*

** @param isVisaActive [true, false]. Default value is true.*

`MrzScanner.setVisaActive(isVisaActive: Boolean)`

** Register with the licence key provided to remove the asterisks (*) from the result.*

** @param key the provided licence key.*

** @return 0 for success, -1 if registration failed.*

`MrzScanner.registerWithLicenseKey(key: String): Int`

** Trigger an image picker.*

`MrzScanner.scanFromGallery()`

```
* Initiates the scanner view with continuous scanning enabled.
* After a successful scan, the scanner will not be dismissed or
  paused.
* To close the scanner call closeScanner().
* See setIgnoreDuplicatesEnabled for further continuous scanning
  behavior changes.
* Ignore duplicate is used to specify whether the scanner should
  ignore the successful scan if the document number is identical to the
  previous successful scan.
*
* @param boolean : ignoreDuplicate [ true, false] Default is false.
* @param boolean: activeed [true, false] Default value is false.
MrzScanner.setContinuousScanningEnabled(boolean : activated,
ignoreDuplicate : Bool)
```

```
* Enables vibrate on successful scan option.
* @param boolean: activated [true, false] Default value is false.
MrzScanner.setVibrateOnSuccessfulScan(boolean : activated)
```

```
* Set the scanning rectangle to limit the scanning area. The
  parameters' values are representing percentages of the scanning
  preview.

* @param x the top-left point of the scanning rectangle. [0,...,100]
  Default value: 5.

* @param y the top-left point of the scanning rectangle. [0,...,100]
  Default value: 20.

* @param x the top-left point of the scanning rectangle. [0,...,100]
  Default value: 5.
```

```
* @param x the top-left point of the scanning rectangle. [0,...,100]
Default value: 5.
MrzScanner.startPartialViewScanner(int : x, int : y, int :
width, int : height)
```

**Sample code is included with the download file.*

If you have any questions or concerns please visit our site at www.mrzscanner.com where you can register and send us a support request ticket at our [Developer Portal](#), or feel free to contact us at contact@mrzscanner.com.