**HKID Card Identification SDK-IOS Documentation**

**Jun 2019**

Version 1.0



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**Document History**

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# Introduction

## Objective

Describe the details and usage of HKID Card Identification SDK for third parties.

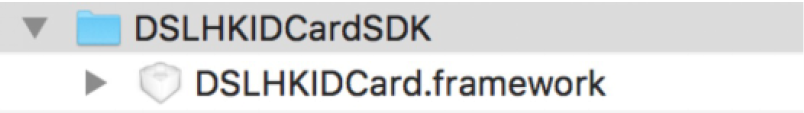
## Version Support

iOS 8.0 or above.

# SDK Integration

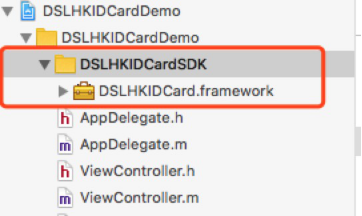
## Extract SDK

* Unzip DSLHKIDCardSDK.zip：



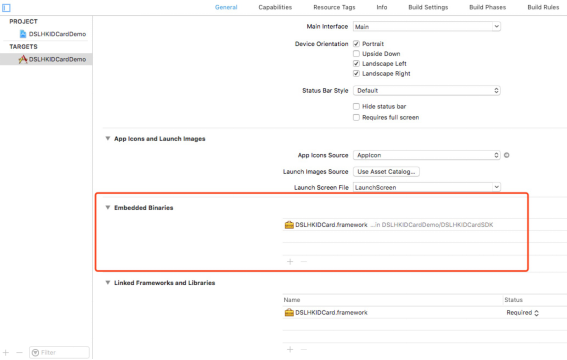
## Importing the SDK

* Import the unzipped DSLHKIDCard.framework by dragging it into your Xcode project:



## Adding necessarily frameworks

* In General, add DSLHKIDCard.framework into Embedded Binaries:



# SDK Description

## Header file description

### DSLHKIDCardSDK.h

* Interface description:

/\*\*

Start HKID card detection

\*/

+(**void**)startDetect;

/\*\*

Reset the SDK after quit scanning

\*/

+(**void**)resetStatus;

/\*\*

Set callback object

**@param** observer The callback object

\*/

+(**void**)registerObserver:(**id**<DSLHKIDCardDetectObserverDelegate>)observer;

/\*\*

Unset the callback object

**@param** observer The callback object

\*/

+(**void**)unregisterObserver:(**id**<DSLHKIDCardDetectObserverDelegate>)observer;

/\*\*

Add image data for identification

**@param** imageData The image data

\*/

+(**void**)addDetectBufferData:(NSData \*)imageData;

/\*\*

Set ID card type

**@param** isNewIDCard YES: New ID card; NO: Old ID card

\*/

+(**void**)setIDCardType:(**BOOL**)isNewIDCard;

/\*\*

Get current SDK version number

**@return** Current version number

\*/

+(NSString \*)getVersion;

### DSLHKIDCardDetectObserverDelegate.h

* Interface description:

/\*\*

Called when an operation command is completed

**@param** command Refer to DSLHKIDCardNextOperation class for details

\*/

-(**void**)didUpdateOperationCommand:(DSLHKIDCardNextOperation \*)command;

/\*\*

Called when identification has result

**@param** result Refer to DSLHKIDCardResult class for details

\*/

-(**void**)didDetectResult:(DSLHKIDCardResult \*)result;

# SDK Usage

## Example of using the SDK

Refer to the code of the Sample project provided