

iWallet scanner SDK - Documentation

Installation

- Move the *iWalletScannerSDK* folder to your project.

- Declare a ViewController:

```
UIStoryboard(name: "iWalletScanner", bundle: nil).instantiateViewController(withIdentifier: "ScanCheckCaptureViewController") as? ScanCheckCaptureViewController
```

- Assign amount, phone, accessToken (your unique token given to you by iWallet), note (if needed) to *ScanCheckCaptureViewController*

```
scanCheckCaptureViewController.amount = Double(amountTextField.text ?? "")  
scanCheckCaptureViewController.phone = phoneTextField.text  
scanCheckCaptureViewController.note = noteTextField.text  
scanCheckCaptureViewController.accessToken = accessToken
```

- Connect the delegate to your ViewController:

```
scanCheckCaptureViewController.delegate = self
```

- Create an extension *iWalletScanner* and declare there a *capturedImage* function. You will get there regular image captured by scanner, gid string and response message from iWallet Api (about successful gid created)

```
extension ViewController: iWalletScanner {  
    func capturedImage(image: UIImage, gid: String, responceMessage: String) {  
    }  
}
```

- Add this code to your AppDelegate to make it possible to lock screen orientation for scanner screen

```
var orientationLock = UIInterfaceOrientationMask.all
```

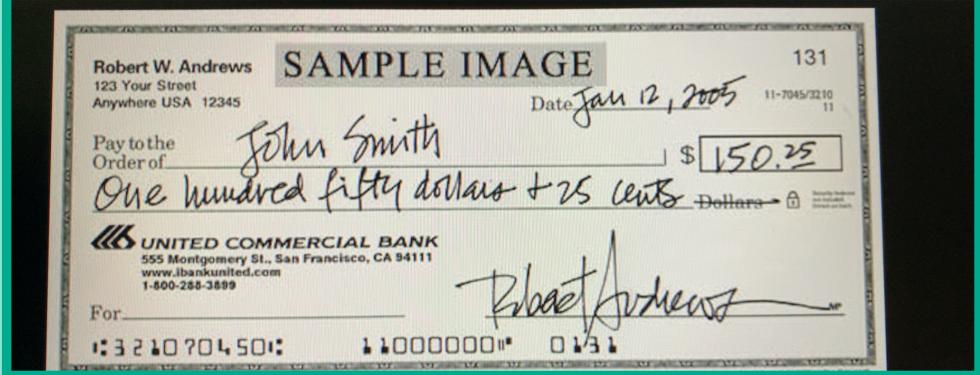
```
func application(_ application: UIApplication, supportedInterfaceOrientationsFor window: UIWindow?) -> UIInterfaceOrientationMask {  
    return self.orientationLock  
}
```

- Add this property to your Info.plist file *Privacy - Camera Usage Description* with value *We need access to your camera to provide a scan*
- Use this Api to finalise your Check transaction - */api/v1/public/check21/finalize/{id}*
Api docs - <https://staging.iwallet.com/api-docs/index.html>

Usage

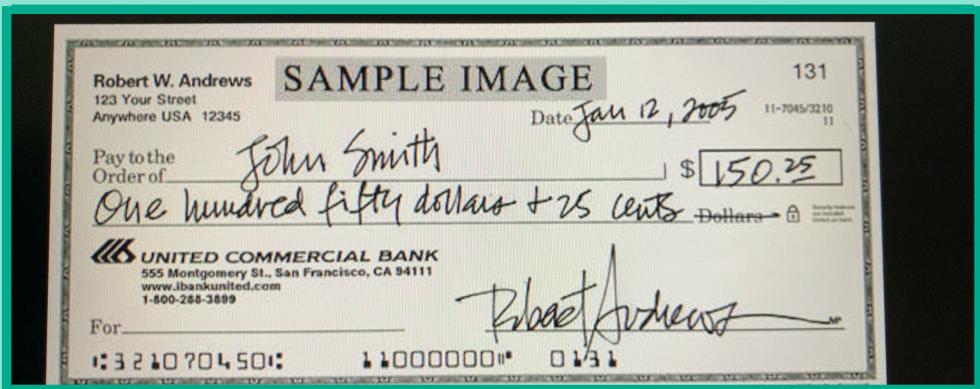
Flash mode - on by default

Check front



Zoom mode - off by default

Check front



Capture

When user captures the image sdk sends base64 of the image with amount, note, phone to iWallet api to create a gid String. After response sdk calls delegate method `capturedImage` where you can get your gid String, response message and original image. If error occurs during scan and after - sdk returns to previous view controller and logs error message.

Check front

