

# AccuraScan OCR SDK Installation Guide

## 1. Generate AccuraScan OCR License

You can generate license key from your “**Developer Account**” from [www.accurascan.com](http://www.accurascan.com) and replace / keep it in `ocr/db` folder

## 2. Project Folder Structure

1) “OCR”: This is root directory. Upload content from this directory to your PHP document root e.g. `/var/www/html`

2) “install”: This directory has rpm dependencies used by AccuraScan OCR SDK

- opencv
- leptonica

This directory also contains “AccuraOCRSdk.so” AccuraScan OCR SDK php extension library.

4) “db” : This directory will have your AccuraScan FaceMatch license file “key.license” along with some other files required by SDK.

- fdata.nn
- eng.dat
- mMQDF\_f\_Passport\_bottom\_Gray.dic
- mMQDF\_f\_Passport\_bottom.dic

5) “css” : This directory contains bootstrap css files

6) “js” : This directory contains jquery and bootstrap js files.

7) “uploads”: Files will be uploaded in this directory for faster processing

8) “fonts”: Font files used by bootstrap.css file are in this directory

9) “Documentation”: Here you will find Documentation for AccuraScan OCR API and AccuraScan OCR SDK Installation.

## 3. System Requirements

OS: CentOS 7

PHP Version: 5.6.34

## 4. Dependency Installation

Install dependency rpms

- Open the Terminal on centos7

If you are working on server, run terminal program directly.

If you are a client, you have to use putty.exe to run terminal

- install leptonica and opencv3.4.2

```
#rpm -ivh leptonica-1.75.3-1.el7.centos.x86_64.rpm
```

```
#rpm -ivh cardocr-4.00-1.el7.centos.x86_64.rpm
```

- if there are dependencies error in install then use below commands

```
#yum install leptonica-1.75.3-1.el7.centos.x86_64.rpm
```



```
root@cpanel:~/rpmbuild/RPMS/x86_64
File Edit View Search Terminal Help
[root@cpanel x86_64]# rpm -ivh leptonica-1.75.3-1.el7.centos.x86_64.rpm
Preparing... ##### [100%]
package leptonica-1.75.3-1.el7.centos.x86_64 is already installed
[root@cpanel x86_64]#
```

## 5. Installation of php extension library

There are 2 ways to install php extension library.

phpinfo(); find php.ini now using

### Method 1.

- copy php extension file to php module folder

```
#cp AccuraOCRSdk.so /usr/lib64/php/modules
```

- edit Dynamic Extensions in php.ini file (Line in red fonts has to be added)

```
... ..
;
; Dynamic Extensions ;
;
extension=AccuraOCRSdk.so
... ..
```

- Restart the httpd service

```
#service httpd restart
```

### Method2.

- copy php extension file to any folder (ex : /root/extension)

```
#cp AccuraOCRSdk.so /root/extension
```

- edit Dynamic Extensions in php.ini file (red part have to be added)

```
... ..
;
; Dynamic Extensions ;
;
extension=/root/extension/AccuraOCRSdk.so
... ..
```

... ..

- restart the httpd service

```
#service httpd restart
```

3) restart httpd service

```
#service httpd restart
```

## 6. Installation of PHP contents

Copy “OCR” folder to php document root folder


ex:

```
#cp -r ocr /var/www/html
```

## 7. Run

Run the project in browser e.g. <http://<yourhost>/ocr>

Passport Scanner



Sex: M ذكر الجنس Date of Birth: 01/04/1985 تاريخ الولادة

Signature / التوقيع: [Signature] Expiry Date / تاريخ الانتهاء: 06/01/2019 Card Number / رقم البطاقة: 076626952

127639/01 0400005DB6230672

ILARE0766269521784198562651434  
8504010M1901067IND<<<<<<<<<<9  
MASANI<<MOHAMAD<ALI<ALI<RAZABH

Choose emiratesId-2.jpg Reset

Card Type:  
Passport & ID Card (MRZ)

Recognize