



Introducing CardSwipe II®

CardSwipe II® is an iOS app that bridges the gap between Magstripe readers, EMV Chip readers, and your software. You can use CardSwipe II® to read credit cards, debit cards, gift cards, loyalty cards, driver's licenses, ID badges, and more.

CardSwipe II® is secure and safe. It functions strictly as a pass through. No card data is stored in CardSwipe II®.

New Features

NEW - iMag Pro II • Lightning Connector iOS Magstripe Reader – this is a less expensive reader than the EMV readers below. It is perfect for reading ID Cards where a swipe is sufficient.

More Info @ <https://idtechproducts.com/products/mobile-payment/imag-pro-ii/>

VivoPay 3300 • 3-in-1 MagStripe, EMV Contact and EMV Contactless Reader

More Info @ <https://idtechproducts.com/products/mobile-payment/vp3300/>

Branding – You can replace CardSwipe logo and Company name with your Logo and Business name.



Removed Support...

UniPay 1.5 • CardSwipe II® no longer supports the IDTech reader. The latest line of iOS devices no longer equipment audio jacks. The reader was also known to work inconsistently.





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VivoPay VP3300

Each VivoPay device needs to be registered with CardSwipe II:

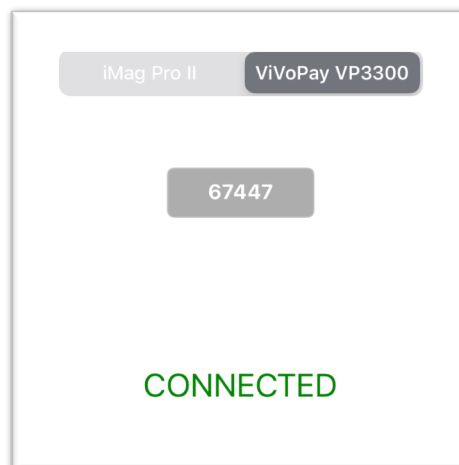
1. Launch CardSwipe II
2. Tap on VivoPay VP3300



3. Enter the last 5 digits of the serial #



4. Resulting in...



5. Insert the chip facing the IDTech logo on the VivoPay 3300





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How it works

The instructions are based on script calls from a FileMaker Database using the Open URL [] function.

Internet Protocol (IP): CSII://?
FileMaker: fmp://

Two scripts are required. One to call CardSwipe II. The second to receive the response. Calling CardSwipe II – has 2 read types.

Open URL [**CSII://?SwipeDip?**] Use this when performing a swipe or chip read.

Open URL [**CSII://?Tap?**] Use this for contactless payments. Only the VivoPay VP3300 supports tap transactions (i.e. ApplePay, AndroidPay, GooglePay).

Note: II are Capital i's

...followed by...

The FM Script protocol that will return you back to your FileMaker GO database. The FM Protocol is constructed as follows:

FM Protocol:

fmp://

Database location: IP address of the hosting computer or a tilde ~ if the FM GO database is local

fmp://192.168.1.1/ **or** **fmp://~/**

File Name: File names are case sensitive. You do not need the file extension .fmp12

fmp://192.168.1.1/YourFileName?

Script Name: We named our script to run “PostData”

fmp://192.168.1.1/YourFileName?script=PostData





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Parameters: Replace “parameterValue” with the parameter you wish to specify.

```
fmp://192.168.1.1/YourFileName?script=PostData&param=parameterValue
```

Variables: Variable set when script is run. We named our variable **\$CardData**.

```
fmp://192.168.1.1/FileName?script=PostData&param=YourParam&$CardData=  
...resulting in...
```

```
CSII://?SwipeDip?fmp://192.168.1.1/FileName?script=PostData&param=YourParam&$CardData
```

Branding - Load Company Logo and Company Name

Create another Filemaker script to send CardSwipe II® your logo image and name to display. Use the following script step. Replace “companyName” and “encodedLogo” with your data:

```
Open URL [ CSII://?&userName=companyName&logo=encodedLogo]
```

You must encode your logo image using base64 encoding. You can set up a variable or a calculation field to do this as follows: (replace **LogoField** with the container field that has your logo).

```
Let ( [  
~encoded = Base64Encode ( LogoField ) ;  
~sub10 = Substitute ( ~encoded ; Char ( 10 ); "" ) ;  
~encodedLogo = Substitute ( ~sub10 ; Char ( 13 ); "" ) ]  
; ~encodedLogo )
```

Additional instructions for FileMaker available at:

https://www.filemaker.com/help/14/fmp/en/html/sharing_data.17.6.html

Please refer to your applications documentation for further information.

