

WHAT MORE CAN YOU DO WITH YOUR IPHONE?

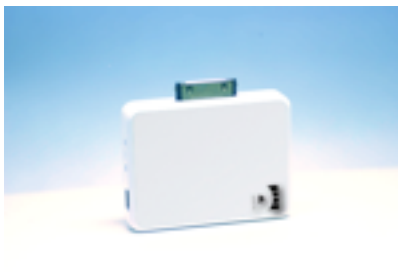
With the millions deployed iPhone in the market, iPhone has become reaching a more stable phase in terms of adoption rate, and its functionalities. However the accessories and add-on market for iPhone is still growing at an enormous speed, same for the information exchange happening on the iPhone.

Security will be more and more concerned as upon fulfilling the requirement of smooth and stable data communication, the more people and companies are relying on the phone to be one of the means in communicating (email, blog, social media, etc) personal or company sensitive information.



Owing to the above, DEKIMADO designed an iPhone smart card reader namely *iCard* - a ISO7816 ID-1 smart card reader for mobile devices. By default, it works with iPhone and iPad using the 30 pin connector. However, when it is plugged into a platform with MicroUSB, it turns itself into a CCID smart card reader.

Not only supporting ISO7816 credit card size (ID1) smart card, it also support new technologies as known as "MicroSD smart card".



ICARD READER

◆ MOBILITY

Support Any Device / PC:
 iPhone/iPad - 30pin connector
 Android OS - microUSB CCID
 PC (Windows, Linux, MacOS) - microUSB CCID compliant;

Any Platform:
 Support iOS(3.x and higher),
 Android (2.x and higher),
 OS X(10.5.6 and higher),
 Windows (XP and higher),
 Linux system(2.6 and higher)

◆ COMPATIBILITY

Compliant with ISO7816-1 to -4 ,
 PC/SC, CCID specification,
 EMV2000 Level 1 specification,
 MFI specification
 Full-parameter PPS protocol

◆ UNIVERSAL

Supporting access to ISO 7816-3 standard-sized IC cards and TF interface ISO 7816-4 microprocessor cards



ICARD APP/SDK

◆ EASY

Comes with XCODE based project with source code and PC/SC like library to ease the picking up of iPhone Smart Card APP development

◆ QUICK

Ready made test iPhone APP for quick evaluation and demonstration

◆ FAST DISTRIBUTION

APP can be distributed through APPLE APP STORE for fast distribution to world wide customers

TYPICAL APPLICATION

iCard can be used in the following application to maximize its value:

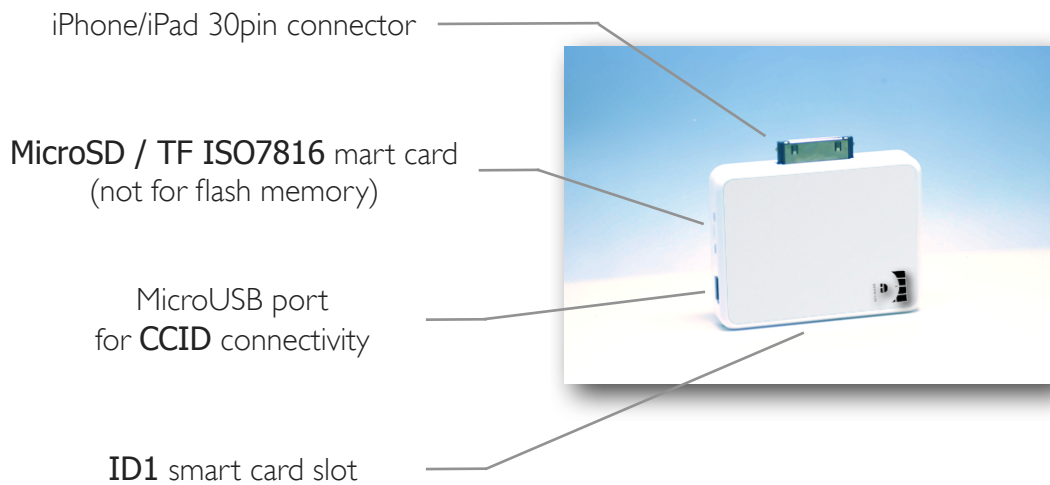
1. Credit Card Point Of Sales Accepting device
2. Government e-ID projects for information protection
3. Loyalty Program to retrieve and update membership information by merchant or end user
4. Signing/encrypting email or sign-on authentication

Customization of housing color and logo available. Please check with us or our regional distributors for details. Minimum order quantity applies.

DEKIMADO iCARD READER

Technical Data

Order Number :	iCARD
Interface:	Full speed Micro-USB2.0 / Apple 30pin
Power Supply Mode:	USB 5V / 30pin 3.3V
Communication Protocol:	PC/SC, CCID, XCODE LIB (PC/SC based)
Card Interface:	ISO/IEC 7816-1/2/3 microprocessor card, TF interface ISO 7816-4 microprocessor card
Data Transfer Rate:	9600-38400bps
Supported Operating System:	iOS(3.x and higher), OSX(10.5.6 and higher), Andriod 2.x,linux(2.6 and higher), windows CE (5.0 and higher),windows(XP and higher)
Operating Temperature:	0°C ~ 50 °C
Operating Humidity:	20 ~ 85%
Standard and Certification:	ISO-7816 Class A, B, C (5V, 3V,1.8V), EN 60950/IEC 60950, EMV 2000 Level 1 (pending approval)



Connectivity Specification

