



SecureMetric Technology
www.securemetric.com

Mobile Payment Made Simple

iReader



SecureMetric
Mobile Payment

Mobile Payment

iReader is specially engineered to accommodate a range of smart card applications. Developers use it as a platform to generate and deploy related products and services for mobile applications. Since it is a terminal unit, it can be seamlessly integrated to all major systems of operation. Additional features such as the built-in inclusive support for different smart card interfaces has facilitated the wide scale and cross industry adoption of iReader. The use of iReader will meet the requirements of customers whose security concerns are the most salient for example in e-commerce, e-payment, information security and access control. Since iReader is made for mobile devices, it satisfies the demand for a flexible solution for ID authentication.

HIGHLIGHTS

- Designed for:**
 - iPhone5, iPad (4th generation) (lightning Connector)
 - iPhone4 / 4S, 3 / 3GS
 - iPad / iPad 2 / iPad (3rd generation)
 - Android Smart Phone and Devices
- USB 2.0 Full Speed Device / Mini USB / Apple Dock Port Compliant with PC/SC, CCID Standards**
- Support Multiple Contact Smart Card**
 - ISO 7816 Class A/B/C, 1/2/3 and T=1, T=0 Protocol
- EMV Level 1 Certified**
- Reads MyKad & MyKid (Malaysia ID)**
- DUKPT AES & 3DES**
- Supports Windows 2000 + / Linux / Mac OS X / iOS / Android (Support OTG)**



Technical Specification

Interfaces

Port	Apple Dock / Micro USB
Card Deck	8 contact points (ISO7816 standard), 100000 plugging and unplugging times
Supported Card Type	T0, T1, CLASSB, CLASSC, CLASSBC

Operating Conditions

Operating Voltage	5V
Operating Current	<60mA
Operating Temperature	0 °C ~ 50 °C
Operating Humidity	0 ~ 90%RH non-condensing

Storage Conditions

Storage Temperature	-20 °C ~ 70 °C
Storage Humidity	0 ~ 90%RH non-condensing

Communication Conditions

Communication Rate	10753 ~ 344086bps
Communication Rate with iOS	9600 ~ 57600bps

Specifications

Dimension (L×H×W)	58mm × 42mm × 8 mm
Casing	Kirksite + Acrylic
Supported OS	Windows 2000 +, Linux, Mac OS X, iOS 3.1.3 +, Android (Support OTG)
Certification	CE / FCC / MFI / RoHS

Software Development Kit

What you need now is to get a set of iReader Software Development Kit which will facilitate all your needs to start integrating iReader to your mobile application.

The contents inside the Software Development Kit are listed below:

- One unit iReader
- One unit software/utilities CD-ROM
- One unit mini USB Cable



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