



ACR1255U-J1 Secure Bluetooth® NFC Reader



Advanced Card Systems Ltd.
Card & Reader Technologies

Units 2010-2013, 20th Floor
Chevalier Commercial Centre
8 Wang Hoi Road, Kowloon Bay, HK
Tel: +852-27967873 Fax: +852-27961286
info@acs.com.hk www.acs.com.hk

- **Product Overview**
- **Product Features**
- **Product Value**
- **Product Application**



Product Overview



Advanced Card Systems Ltd.

Card & Reader Technologies

ACR1255U-J1

ACR1255U-J1 Secure Bluetooth® NFC Reader combines the latest 13.56 MHz contactless technology with Bluetooth® Smart connectivity for on-the-go smart card and NFC applications.

With its AES-128 encryption algorithm, it allows secured wireless data transfer to most mobile devices in the market making it the perfect device for your smart card solution.





Product Features



Advanced Card Systems Ltd.

Card & Reader Technologies

Product Features



Interface
 Bluetooth® Smart
 USB 2.0 Full Speed

Plug and Play Support
 CCID Compliant

API Support
 PC/SC
 CT-API

Card Type Support
 ISO 14443 Type A and B
 MIFARE variants
 FeliCa
 ISO 18092 Tags (NFC Tags)

Certifications/Compliance
 ISO 18092, ISO 14443
 Bluetooth® Smart
 Microsoft® WHQL
 CE, FCC, VCCI
 RoHS 2, REACH

Encryption Algorithm
 AES-128

Peripherals
 2 Bi-color LEDs
 1 Buzzer

Supported Operating System
 Windows® 2000, Windows® XP,
 Windows Vista®, Windows® 7,
 Windows® 8, Windows® 8.1,
 Windows® Server 2003,
 Windows® Server 2008,
 Windows® Server 2008 R2,
 Windows® Server 2012,
 Windows® Server 2012 R2
 Linux®, Mac OS® X
 Android™ 4.3 and above
 iOS 5.0 and above

Other Features
 Firmware Upgradeable
 Rechargeable Lithium-ion Battery



Product Value



Advanced Card Systems Ltd.

Card & Reader Technologies

Cost-effective

A compact and powerful device that integrates different features into one device

Compatibility

A device that supports most contactless cards and NFC tags/devices available in the market

Secure

User information is encrypted using the AES-128 algorithm

Flexible

May be used with either a mobile device or a desktop computer



Product Application



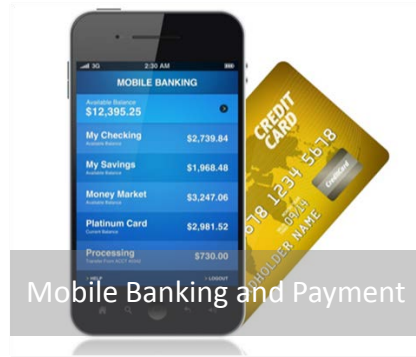
Advanced Card Systems Ltd.

Card & Reader Technologies

Product Application



E-Government



Mobile Banking and Payment



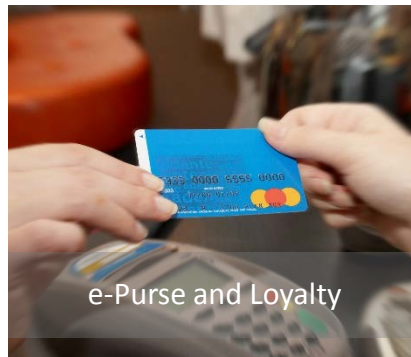
e-Healthcare



Network Security



Access Control



e-Purse and Loyalty



Public Key Infrastructure



Personnel are issued contactless smart ID cards.



Select persons who have access to environments where hands-free verification is frequent or crucial are given ACR1255U-J1 readers



Access Control

Whenever the card and reader holder is within range of digital printers, networks, computers, smartphones or tablets, access is granted immediately without any need for tapping smart cards.





Thank You!

info@acs.com.hk

www.acs.com.hk



<http://twitter.com/SmartCardReader>



<http://www.facebook.com/AdvancedCardSystems>



<http://gplus.to/advancedcardsystems>



<http://www.youtube.com/user/AdvancedCardSystems>



Advanced Card Systems Ltd.

Card & Reader Technologies