



Advanced Card Systems Ltd.
Card & Reader Technologies



ACR1251U-A1

USB NFC Reader with SAM

A Product Presentation





Rundown

1. Product Overview
2. Product Features
3. Product Value
4. Product Application



Product Overview





Product Overview

ACR1251U-A1 USB NFC Reader II

The ACR1251U-A1 is the second generation NFC Reader from ACS.

Following the ACR122U, ACS' successful NFC reader and also the world's first CCID-compliant contactless reader, the ACR1251U-A1 offers more and advanced features.

It offers firmware upgradeability and SAM slot for implementing added security functions in a contactless based system.



Product Features





What are the Key Features of ACR1251U-A1?



Cost-effective

Compact and Slim Size

Fast Access Speed

Firmware Upgradeable

Smart Card Interface
PICC (Contactless)
ICC (SAM Slot)

Supported Card Types
ISO 18092 Tags (NFC Tags)
ISO 14443 Type A & B
MIFARE variants
FeliCa
ISO 7816 (SAM Cards)

User-Controllable Peripherals
Bi-color LED
Buzzer

Certifications/Compliance
ISO 18092, ISO 14443,
ISO 7816, LASCOM
CE, FCC, VCCI, MIC, KC,
PC/SC, CCID
Microsoft® WHQL
RoHS

Protocols and Standards
ISO 18092 NFC
ISO 14443 Parts 1-4
ISO 7816
PC/SC and CCID
USB V2.0 (12 Mbps)

Operating System Support
Windows® 98, Windows® ME, Windows® 2000,
Windows® XP, Windows® Vista, Windows® 7,
Windows® 8, Windows® Server 2003,
Windows® Server 2003 R2, Windows® Server
2008, Windows® Server 2008 R2, Windows®
Server 2012, Windows® CE
Linux, Mac OS X
Android™ 3.1 and above

Product Key Features

The ACR1251U-A1 can be implemented in various systems like kiosks in order to facilitate NFC enabled transactions

- ACR1251U-A1 is built based on ISO 14443 and ISO 18092
- Supports FeliCa and NFC tags
- Provides support for NFC mobile Phones
- Allows in-field firmware upgradability function to support any future enhancements
- Suitable for different applications on various NFC environments





Product Value





What are the Key Benefits of ACR1251U-A1?

NFC-enabled

- Supports NFC tag Type 1 to Type 4 for different applications
- Supports NFC mobile phones

Firmware Upgradeable

In-field firmware upgrade function provides support any future enhancements

PICC Support

- Supports ISO 14443 Type A and B cards, MIFARE cards, Felica and many others

Competitive Cost

ACR1251U-A1 is a cost-effective reader to extensively share and promote NFC technology to customers.

Driver-free

The CCID driver is installed through Windows Update.

Ease of Integration

- PC/SC Interface
- Slim design



Product Application





In what areas can we apply ACR1251U-A1?



Kiosks/Vending Machines



NFC Applications



Network Access



Smart Posters



Physical Access Control



Automatic Fare Collection



Thank you!



For more information, visit:
<http://www.acs.com.hk/acr1251u.php>