



ACR1251U USB NFC Reader with SAM



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Product Overview



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ACR1251U USB NFC Reader II

The ACR1251U USB NFC Reader II is a PC-linked NFC smart card reader developed based on the 13.56 MHz contactless technology. It is designed to support not only ISO 14443 Type A and B cards, but also MIFARE®, FeliCa and all four types of NFC tags and devices.

Following the ACR122U, ACS' successful NFC reader and also the world's first CCID-compliant contactless reader, the ACR1251U offers more and advanced features. It is firmware upgradeable and features a SAM slot for implementing added security functions in a contactless-based system.





Product Features



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What are the Key Features of ACR1251U?



Firmware Upgradable

Smart Card Interface

PICC (Contactless)
ICC (SAM Slot)

Supported Card Types

ISO 18092 Tags (NFC)
ISO 14443 Type A & B
MIFARE® variants
FeliCa
ISO 7816-compliant SAM slot
(Class A, B, C)

User-controllable Peripherals

Bi-color LED
Buzzer

Cost-effective

Compact and Slim Size

Fast Access Speed

Certifications/Compliance

ISO 18092, ISO 14443,
ISO 7816 (SAM Slot), FeliCa
Performance Certification,
CE, FCC, J-LIS, VCCI, MIC, KC,
PC/SC, CCID
Microsoft® WHQL
RoHS 2

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®
Linux®
Mac OS®
Android™

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

- ACR1251U 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



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What are the Key Benefits of ACR1251U?



NFC Enabled

- Supports NFC tag Type 1 to Type 4 for different applications
- Supports NFC mobile phones
- Supports NFC Peer-to-Peer (P2P) Mode

Competitive Cost

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

PICC Support

- ISO 18092 Tags (NFC)
- ISO 14443 Type A & B
- MIFARE variants, FeliCa

Ease of Integration

- PC/SC Compliant Contactless Interface
- PC/SC Compliant SAM Interface

Firmware Upgradeable

In-field firmware upgrade function provides support to any future enhancements

Driver-free

The CCID driver is installed through Windows Update.



Product Application



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In what areas can we apply ACR1251U?



E-Government



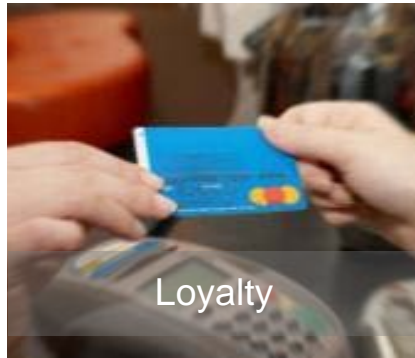
e-Banking



Smart Poster



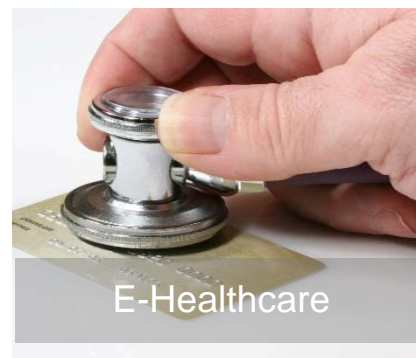
P2P Communication



Loyalty



Network Security



E-Healthcare



Access Control

Introduction

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Applications



Compliance/Certifications



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OS Support



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For more information, visit:

<http://www.ACR1251.com/>



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