ACR1255U-J1 Secure Bluetooth® NFC Reader
Outline

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Product Overview
ACR1255U-J1 Secure Bluetooth® NFC Reader combines the latest 13.56 MHz contactless technology with Bluetooth® 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
Product Features

- **Interface**
  - Bluetooth®
  - USB Full Speed

- **Supported Operating System**
  - Windows®
  - Linux®
  - Mac OS®
  - Android™, iOS

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

- **Encryption Algorithm**
  - AES-128

- **Peripherals**
  - 2 Bi-color LEDs
  - 1 Buzzer

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

- **API Support**
  - PC/SC
  - CT-API

- **Plug and Play Support**
  - CCID Compliant

- **Other Features**
  - Firmware Upgradeable
  - Rechargeable Lithium-ion Battery

- **Supported Operating System**
  - Windows®
  - Linux®
  - Mac OS®
  - Android™, iOS
Product Value
Product Value

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
Product Application

E-Government
Mobile Banking and Payment
e-Healthcare
Network Security

Access Control
e-Purse and Loyalty
Public Key Infrastructure

Introduction | Features | Product Value | Application
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.
Compliance/Certifications
OS Support
OS Support

- Windows XP
- Windows Vista
- Windows 7
- Windows 8 Compatible
- Windows 10 Compatible
- Windows Server 2003
- Windows Server 2008
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016

Certified

Introduction ➤ Features ➤ Product Value ➤ Application ➤ Certifications ➤ OS Support
Thank You!

For more information, visit:

http://www.acr1255.com/
http://twitter.com/SmartCardReader
http://www.facebook.com/AdvancedCardSystems
http://gplus.to/advancedcardsystems
http://www.youtube.com/user/AdvancedCardSystems

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