ACR1255U-J1 ACS Secure Bluetooth® NFC Reader

Advanced Card Systems Ltd.
Card & Reader Technologies

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Product Overview

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ACR1255U-J1

The ACR1255U-J1 ACS 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.

Introduction

Product Features

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Product Features

Interface

Bluetooth®
USB Full Speed

Card Type Support

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

Plug and Play Support

CCID Compliant

Encryption Algorithm

AES-128

API Support

PC/SC
CT-API

Peripherals

2 Bi-color LEDs
1 Buzzer

Other Features

Firmware Upgradeable
Rechargeable Lithium-ion Battery

Supported Operating System

Windows®
Linux®
Mac OS®
Android™, iOS

Certifications/Compliance

ISO 18092, ISO 14443
Bluetooth®
Microsoft® WHQL
CE, FCC, VCCI
RoHS 3, REACH

Introduction   Features

Product Value

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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

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Product Application
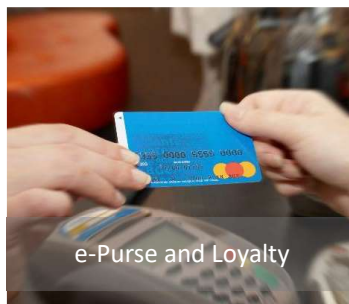
E-Government

Mobile Banking and Payment

e-Healthcare

Network Security

Access Control

e-Purse and Loyalty

Public Key Infrastructure

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ACR1255U-J1 Sample 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.

Introduction Features Product Value Application

Compliance/Certifications

Compliance / Certifications

CE FC VCI RoHS2 REACH COMPLIANT Bluetooth®

OS Support

OS Support

Introduction Features Product Value Application Certifications **OS Support**

Thank You!

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http://twitter.com/SmartCardReader

http://www.facebook.com/AdvancedCardSystems

http://gplus.to/advancedcardsystems

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

For more information, visit:
http://www.acr1255.com/

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