



# ACR1555U-A1

Secure Bluetooth® NFC Reader



**Advanced Card Systems Ltd.**

Card & Reader Technologies

# Outline

- **Product Overview**
- **Product Features**
- **Product Value**
- **Product Application**
- **Compliance/Certification**
- **OS Support**





# Product Overview

**ACR1555U-A1**

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# Product Overview

## ACR1555U-A1

- The ACR1555U-A1 Secure Bluetooth® NFC Reader combines the latest 13.56 MHz contactless technology with Bluetooth® 5.2 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

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# Product Features

## ACR1555U-A1



### Interface

Bluetooth® 5.2  
USB Full Speed

### Plug and Play Support

CCID Compliant

### ISO 7816 Standard

SAM slot

### Emulation

NFC tag: Message, Smart Poster,  
vCard and URL  
Bluetooth HID Keyboard

### Certifications/Compliance

ISO 18092, ISO 14443  
Bluetooth® 5.2  
Microsoft® WHQL  
CE, FCC, VCCI  
RoHS 3, REACH

### Card Type Support

ISO 14443 Type A & B Parts 1-4,  
ISO 15693, ISO 18092, NFC 5  
Types of NFC tags, MIFARE® &  
FeliCa

### Encryption Algorithm

AES-128

### Peripherals

1 Bi-color LEDs, 2 Mono LEDs  
1 Buzzer

### Supported Operating System

\*Windows®, \*Linux®  
\*Mac OS®  
Android™, iOS, iPadOS

\* Supported USB and Bluetooth HID  
Keyboard emulation

### Other Features

Firmware Upgradeable  
Rechargeable Lithium-ion Battery



# 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

**ACR1555U-A1**

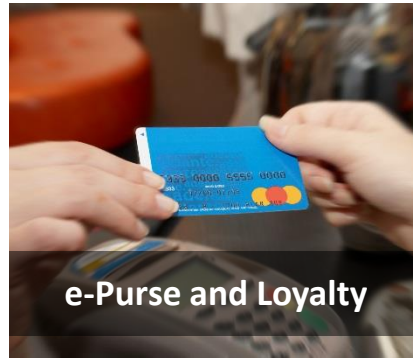
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# Product Application





# Compliance/Certifications

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# Compliance/Certifications





# OS Support

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# OS Support

	Bluetooth Reader mode	Bluetooth HID Keyboard emulation mode	USB Reader mode
	✓	✓	✓
 iOS iPadOS	✓	✓	✓ Lightning not supported
 macOS		✓	✓ Lightning not supported
		✓	✓
		✓	✓
		✓	✓





**Thank You!**

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