



# ACR1255U-J1 Bluetooth® NFC Reader



**Advanced Card Systems Ltd.**

Card & Reader Technologies

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# Product Overview



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## ACR1255U-J1

ACR1255U-J1 Bluetooth® NFC Reader combines the latest 13.56 MHz contactless technology with Bluetooth® Smart 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



**Interface**  
Bluetooth® Smart  
USB 2.0 Full Speed

**Plug and Play Support**  
CCID Compliant

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

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

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

**Encryption Algorithm**  
AES-128

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

**Supported Operating System**  
Windows® 2000, Windows® XP,  
Windows Vista®, Windows® 7,  
Windows® 8, Windows® 8.1,  
Windows® Server 2003,  
Windows® Server 2008,  
Windows® Server 2008 R2,  
Windows® Server 2012,  
Windows® Server 2012 R2  
Linux®, Mac OS® X  
Android™ 4.3 and above  
iOS 5.0 and above

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



# Product Value



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## 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*

## Secured

*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



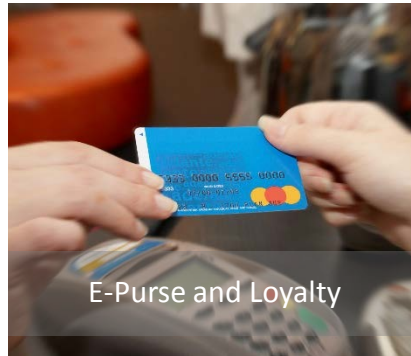
E-Healthcare



Network Security



Access Control



E-Purse and Loyalty



Public Key Infrastructure



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.





# Thank You!

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