



# ACM38U-Y Reader Module



**Advanced Card Systems Ltd.**

Card & Reader Technologies

Units 2010-2013, 20th Floor  
Chevalier Commercial Centre  
8 Wang Hoi Road, Kowloon Bay, HK  
Tel: +852-27967873 Fax: +852-27961286  
[info@acs.com.hk](mailto:info@acs.com.hk) [www.acs.com.hk](http://www.acs.com.hk)

- **Product Review**
- **Product Features**
- **Product Value**
- **Product Application**



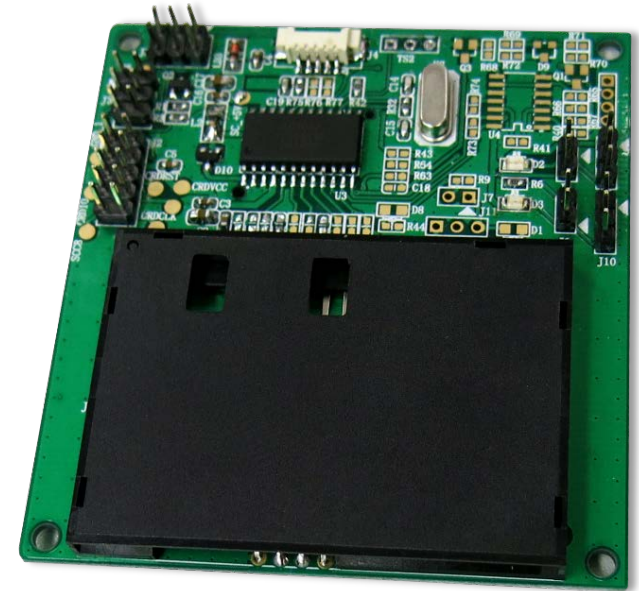
# Product Overview



**Advanced Card Systems Ltd.**

Card & Reader Technologies

ACM38U-Y provides a solution for secured access control by employing the globally recognized ACR38 core. It comes in a module form factor to enable easy implementation of smart card-based solutions in embedded systems. It utilizes the latest microchip technology, bringing you high security for your confidential files in a convenient and easy way.





# Product Features



**Advanced Card Systems Ltd.**

Card & Reader Technologies



## API Support

PC/SC  
CT-API

## Card Type Support

Full-sized Cards  
ISO 7816 Class A, B, C  
MCU with T=0 and T=1 protocol  
Memory Cards

## Plug and Play Support

CCID Compliant

## Supported Operating System

Windows® CE, Windows® 98,  
Windows® ME,  
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  
Mac OS® X  
Linux®  
Android™ 3.1 and above



# Product Value



**Advanced Card Systems Ltd.**

Card & Reader Technologies

## Cost-effective

*A compact and powerful device that integrates different features into one device*

## High-speed I/O Operations

*Can support Smart Card R/W Speed of up to 344 Kbps*

## Reliable

*Widely used and well-tested for use in various applications areas*

## Flexible

*Can be easily integrated into any embedded systems with its module form factor  
Capable of supporting SAM interface*





# Product Application



**Advanced Card Systems Ltd.**

Card & Reader Technologies

# Product Application



E-Government



Banking and Payment



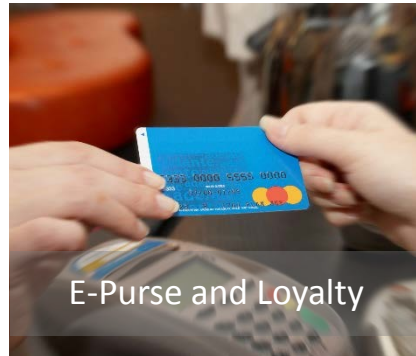
E-Healthcare



Network Security



Access Control



E-Purse and Loyalty



Transportation



Public Key Infrastructure

# Sample Application



Citizen arrives at the airport and proceeds to immigration for clearance



Citizen heads to one of the kiosks to verify his identity using his government issued ID



Upon successful verification, citizen will be able to enter the country



# Thank You!

info@acs.com.hk

www.acs.com.hk



<http://twitter.com/SmartCardReader>



<http://www.facebook.com/AdvancedCardSystems>



<http://gplus.to/advancedcardsystems>



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



**Advanced Card Systems Ltd.**

Card & Reader Technologies