



ACR38x



Advanced Card Systems Ltd.
Card & Reader Technologies

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



Product Overview



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The ACR38U series is a family of Contact Smart Card Readers sharing the same core.



The ACR38 series is a PC-linked Smart Card Reader that comes in various form factors.



Ipod Casing



Bridge Casing



Jacket Casing



Transformer Casing



Icebar2 Casing

ACR38 is the flagship product of ACS. It is a powerful and reliable smart card reader that supports smart cards conforming to ISO 7816.





ACR38U PocketMate Smart Card Reader is a full-sized card reader in token sized form factor to ensure that the device can be used anytime, anywhere.

ACR38T is a SIM-sized Smart Card Reader that supports ISO 7816 cards, MCU cards, memory cards, and GSM 11.11-compliant cards.





ACR38F Smart Floppy is the ideal solution for easy integration of a smart card reader into a desktop environment.

ACR38K Smart Keyboard combines the functionality of a smart card reader and a computer keyboard for easy integration in a PC environment.



ACR92 PCMCIA Smart Card Reader is a specially designed smart card peripheral for notebook and portable computers.





Product Features



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Product Features



Interface
USB 2.0 Full Speed

Plug and Play Support
CCID Compliant

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

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 2003 R2,
Windows® Server 2008,
Windows® Server 2008 R2,
Windows® Server 2012,
Windows® Server 2012 R2
Mac OS® X
Linux®
Android™ 3.1 and above

Certifications/Compliance
EMV Level 1
FIPS 201
TAA
RoHS 2
REACH
LASCUM
CE, FCC, VCCI, KC
Microsoft® WHQL

API Support
PC/SC
CT-API



Product Value



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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

- *Available in various form factors/casing designs*
- *Can be customized to use landing connector*
- *SAM Interface is available upon request*



Product Application



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Product Application



E-Government



Banking and Payment



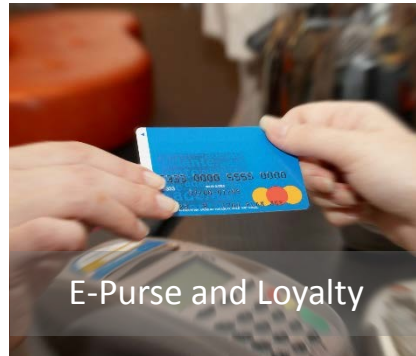
E-Healthcare



Network Security



Access Control



E-Purse and Loyalty



Transportation



Public Key Infrastructure

Sample Application



Government issues smart ID cards to citizens



Smart Card Readers are sold or awarded to citizens who participate in the program



Government Services

Depending on the program, participants may benefit from applications such as digital signature, e-Commerce, parking, home banking, library card, etc.





Thank You!

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www.acs.com.hk



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