Advanced Card Systems Ltd.
Card & Reader Technologies

ACR38 Series
PC-linked Readers

A Product Presentation

Rundown

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Product Overview

Product Overview

The ACR38 Series is a family of Contact Smart Card Readers sharing the same core.

Product Overview

The ACR38U series is a PC-linked Smart Card Reader that comes in various for factors:

Ipod Casing

Cyber Casing

Bridge Casing

Jacket Casing

Transformer Casing

Icebar2 Casing

Product Overview

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

The ACR38 default casing is the *Ipod* Casing

Product Overview

ACR38U-H1

The ACR38 also comes in a bridge casing for vertical insertion of smart cards.

Product Overview

ACR38U PocketMate

The ACR38 also has a token size form factor to ensure that the device can be used anytime, anywhere.

Product Overview

ACR38K Smart Keyboard

Combining the functionality of a smart card reader and a PC keyboard for easy integration in a PC environment.

Product Overview

ACR38F Smart Floppy

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

ACR38T-D1

The ACR38T is a smart card reader that supports SIM-sized smart cards.

Product Features

What are the Key Features of ACR38?

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

Certifications/Compliance
EMV Level 1
RoHS
CE,FCC
Microsoft WHQL
VCCI
REACH
FIPS 201

OS Supported
Windows 98, ME, 2000, XP,
Vista, 7, 8, Server 2003,
Server 2008, Server 2008 R2,
Server 2012
Mac OS X
Linux
Android 3.1 and above

Product Value

Product Benefits

Cost-Effective

• A powerful and durable which is also price competitive

Reliable

• Widely used and well-tested for different applications

Flexible

• SAM Interface (Upon Request)
• Other form factors/casing designs
• Can be customized to use Landing connector instead of Sliding

High-speed I/O Operations

• Can support Smart Card R/W Speed of up to 344 kbps
• Uses USB Full Speed Interface

Product Application

In what areas can we apply ACR38?
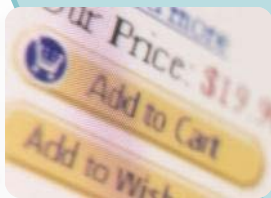
Network Access Control

Digital Signature

Online Gaming

PIV Applications

PKI Applications

Payment system / e-Purse

eCommerce

Home Banking

GSM Management

Loyalty/Promotions

ACR38 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.

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For more information, visit:
http://www.acs.com.hk/pc-linked-smart-card-readers.php