Advanced Card Systems Ltd.
Card & Reader Technologies

ACR33U-A1 SmartDuo
PC-Linked Reader

Product Presentation

Rundown

1. Product Overview
2. Product Feature
3. Product Value
4. Product Application
5. Q & A

Product Overview

![acs logo] **Advanced Card Systems Ltd.**
Card & Reader Technologies

Product Overview

ACR33U-A1 SmartDuo

The PC-linked Readers Family is a line of powerful and reliable smart card readers.

The ACR33U-A1 is a smart card reader that features two slots for full-sized smart cards and three SAM slots for maximum security.

Product Features

What are the Key Features of ACR33U-A1?

Interface
USB 2.0 Full Speed

Plug-and-Play Support
CCID Compliant

High Security
Dual Card Support
Three SAM Card Support

Card Type Support
Full-Sized cards
ISO 7816 Class A, (5V)
MCU with T=0 and T=1 Protocol
Memory Cards

Certifications/Compliances
PC/SC
RoHS
CE,FCC
Microsoft WHQL
VCCI

OS Support
Windows 2000, XP, Vista, 7,
Server 2003, Server 2008,
Server 2008 R2

Product Features

ACR33U-A1 SmartDuo

Ease of Integration

Chip/Smart Card Interface Devices (CCID) Standard - allows users to avoid driver installation prior to use, enabling easier integration of the device into the PC environment

Product Features

ACR33U-A1 SmartDuo

Smart Card Reader

- Supports ISO 7816 Class A (5V) cards

- Supports MCU cards with T=0, T=1 protocol

- Supports memory cards

- PC/SC-compliant

Product Features

ACR33U-A1 SmartDuo

Smart Card Reader

- USB 2.0 Full Speed Interface

- Ability to access two smart cards simultaneously

ACR33U-A1 SmartDuo

Enhanced Security Level

With three integrated SAM slots, it has the capability to secure almost any kind of application.

This enables mutual authentication to be implemented between the card and the reader – making your system more secure and less prone to hacking.

Product Value

Product Benefits

Cost-Effective
A powerful and durable which is also price competitive

Enhanced Security
Dual Card Slot
SAM Interface

Reliable
Widely used and well tested for different applications

High-Speed I/O Operations
Can support Smart Card R/W Speed of up to 344 Kbps

Product Application

In what areas can we apply ACR33U-A1?

Public Key
Infrastructure

Network Security

E-Payment

E-Government

E-Healthcare

ACR33U-A1 Sample Application

Social Security Card is issued to the Member

ACR33U-A1 will prompt for the Social Security Representative's card and ask for a PIN

Once verified, the ACR33U-A1 will prompt for the Social Security Member's card

If successful, the ACR33U-A1 will display the transaction history of the Social Security Member

15

Thank You!!!

More information on:

http://acs.com.hk/index.php?pid=products&id=2