ACR39 Series

Advanced Card Systems Ltd.
Card & Reader Technologies

Units 4108 – 4110, 41st Floor, Manhattan Place,
23 Wang Tai Road, Kowloon Bay, HK
Tel: +852-27967873   Fax: +852-27961286
info@acs.com.hk   **www.acs.com.hk**

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- **OS Support**

Product Overview

Advanced Card Systems Ltd.
Card & Reader Technologies

The ACR39 Series is a family of PC-Linked Contact Smart Card Readers that comes in various form factors sharing the same core. The readers are available in different casings, as shown below.

ACS also offers different USB connectors such as Type A, Micro-B and Type C USB Connectors for the ACR39 Series.

IPC
(Full-sized Cards)

PocketMate
(Full-sized Cards)

Token Casing
(SIM-sized Cards)

Bridge Casing
(Full-sized Cards)

ACR39U-U

ACR39U-U Smart Card Reader is the next generation high-speed smart card reader that brings together sophisticated technology and modern design to meet rigorous requirements in various smart card-based applications. It has a faster read/write speed of up to 600 Kbps.

Available in **USB Type A** and **USB Type C Connector**.

ACR39U-N

ACR39U-N PocketMate II Smart Card Reader is a full-sized card reader in token-sized form factor to ensure that the device can be used anytime, anywhere.

Available in **USB Type A, USB Micro-B** and **USB Type C Connectors**.

ACR39U-H

ACR39U-H is a smart card reader with a unique design. It allows upright insertion of smart cards, bringing convenience to applications like network security and electronic payment systems, making it the ultimate smart card peripheral for computer-based environment.

Available in **USB Type A Connector**.

ACR39T

ACR39T is a smart card reader that supports SIM-sized and micro SIM-sized smart cards. It comes in various casings to fit your special project requirements.

Available in **USB Type A** and **USB Micro-B Connectors**.

ACR39U Series with USB Connector - **Type A**

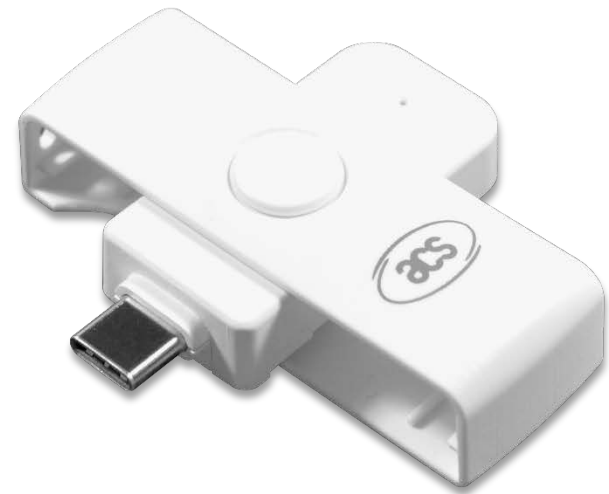**ACR39U-U1**   **ACR39U-N1**   **ACR39U-H1**   **ACR39T-A1**

ACR39U Series with USB Connector - **Type C**

ACR39U-UF

ACR39U-NF

ACR39U Series with USB Connector – **Micro-B**

ACR39U-ND   **ACR39T-A**3

Product Features

ACR39U-U 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

USB Connector Type
Type A
Type C

Certifications/Compliance
EMV™ Level 1 (Contact)
PBOC (China)
TAA (USA)
RoHS 2
REACH
WEEE
CE, FCC, VCCI
Microsoft® WHQL

Supported Operating System
Windows®
Mac OS®
Linux®
Solaris
Android™ 3.1 and later*

API Support
PC/SC
CT-API

Visit www.acs.com.hk for the list of supported devices.

ACR39U-N 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

USB Connector Type
Type A
Micro-B
Type C

Certifications/Compliance
EMV™ Level 1 (Contact)
PBOC (China)
TAA (USA)
RoHS 2
REACH
WEEE
CE, FCC, VCCI
Microsoft® WHQL

Supported Operating System
Windows®
Mac OS®
Linux®
Solaris
Android™ 3.1 and later*

API Support
PC/SC
CT-API

Visit www.acs.com.hk for the list of supported devices.

ACR39U-H 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

USB Connector Type
Type A

Certifications/Compliance
EMV™ Level 1 (Contact)
PBOC (China)
TAA (USA)
RoHS 2
REACH
WEEE
CE, FCC, VCCI
Microsoft® WHQL

Supported Operating System
Windows®
Mac OS®
Linux®
Solaris
Android™ 3.1 and later*

API Support
PC/SC
CT-API

Visit www.acs.com.hk for the list of supported devices.

ACR39T-A Product Features

Interface
USB 2.0 Full Speed

Plug and Play Support
CCID-compliant

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

USB Connector Type
Type A
Micro-B

Certifications/Compliance
TAA (USA)
RoHS 2
REACH
WEEE
CE, FCC, VCCI
Microsoft® WHQL

Supported Operating System
Windows®
Mac OS®
Linux®
Solaris
Android™ 3.1 and later*

API Support
PC/SC
CT-API

Visit www.acs.com.hk for the list of supported devices.

Product Value

Product Value

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 600 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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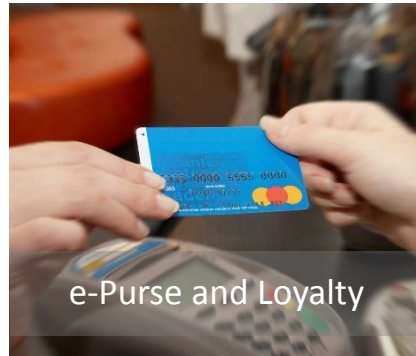
Product Application

e-Government

Banking and Payment

e-Healthcare

Network Security

Access Control

e-Purse and Loyalty

Transportation

Public Key Infrastructure

ACR39 Series 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.

Compliance/Certifications

Compliance/Certifications

OS Support

OS Support

Thank you!

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http://twitter.com/SmartCardReader

http://www.facebook.com/AdvancedCardSystems

http://gplus.to/advancedcardsystems

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

For more information, visit:

PC-Linked Smart Card Readers
Under Mobile Card Readers: ACR39T-A3
ACR39U-ND

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