



# ACR39 Series



**Advanced Card Systems Ltd.**  
Card & Reader Technologies

# Outline

1. Product Information
  - Product Overview
  - Product Features
  - Technical Specifications
  - Certifications/Compliance
2. Product Applications





# Product Information



**Advanced Card Systems Ltd.**

Card & Reader Technologies

# Product Overview

## ACR39 Series



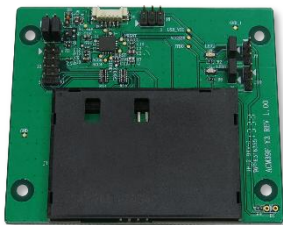
**Ipod Casing**  
(Full-sized Cards)



**Token Casing**  
(SIM-sized Cards)



**Bridge Casing**  
(Full-sized Cards)



**Reader Module**  
(Full-sized Cards)



**PocketMate**  
(Full-sized Cards)



**Smart Floppy**  
(Full-sized Cards)



# Key Features of ACR39

## KEY FEATURES

- USB 2.0 Full Speed Interface
- Plug and Play – CCID support brings utmost mobility
- Supports ISO 7816 Class A, B, and C (5 V, 3 V, 1.8 V) cards
- Features Short Circuit Protection
- Supports microprocessor cards with T=0 and T=1 protocol
- Supports memory cards

## COMPLIANCE TO STANDARDS

- ISO 7816
- EN 60950/IEC 60950
- PC/SC
- CCID
- CE
- FCC
- RoHS
- REACH
- WEEE
- Microsoft® WHQL



# Technical Specifications



	ACR39U-U	ACR39U-N	ACR39U-H	ACR39T-A	ACR39F-A	ACM39U-Y
Interface						
USB 2.0 Full Speed	✓	✓	✓	✓	✓	✓
Plug and Play Support						
CCID Compliant	✓	✓	✓	✓	✓	✓
API Support						
PC/SC	✓	✓	✓	✓	✓	✓
CT-API	✓	✓	✓	✓	✓	✓



# Technical Specifications



	ACR39U-U	ACR39U-N	ACR39U-H	ACR39T-A	ACR39F-A	ACM39U-Y
Card Type Support						
Full-sized Cards	✓	✓	✓		✓	✓
SIM-sized Cards				✓		
ISO 7816 Class A, B, C	✓	✓	✓	✓	✓	✓
MCU with T=0 and T=1 Protocol	✓	✓	✓	✓	✓	✓
Memory Cards	✓	✓	✓	✓	✓	✓



# Technical Specifications



	ACR39U-U	ACR39U-N	ACR39U-H	ACR39T-A	ACR39F-A	ACM39U-Y
Supported Operating System						
Windows®	✓	✓	✓	✓	✓	✓
Mac OS®	✓	✓	✓	✓	✓	✓
Linux®	✓	✓	✓	✓	✓	✓
Android™ 3.1 and later	✓	✓	✓	✓	✓	✓





# Technical Specifications



	ACR39U-U	ACR39U-N	ACR39U-H	ACR39T-A	ACR39F-A	ACM39U-Y
Connector type						
USB Type A	✓	✓	✓	✓	Optional Detachable USB cable	Optional Detachable USB cable
USB Micro-B		✓				
USB Type C	✓	✓		✓		
Pin Header Connector					Detachable USB cable	Optional Detachable USB cable



# Certifications / Compliance



	ACR39U-U	ACR39U-N	ACR39U-H	ACR39T-A	ACR39F-A	ACM39U-Y
Certification / Compliance						
EMV™ Level 1 (Contact)	✓	✓	✓		✓	✓
PBOC (China)	✓	✓	✓			
TAA (USA)	✓	✓	✓			
RoHS	✓	✓	✓	✓	✓	✓



# Certifications / Compliance



	ACR39U-U	ACR39U-N	ACR39U-H	ACR39T-A	ACR39F-A	ACM39U-Y
Certification / Compliance						
REACH	✓	✓	✓	✓	✓	✓
WEEE	✓	✓	✓	✓	✓	✓
CE, FCC, VCCI	✓	✓	✓	✓	✓	✓
Microsoft® WHQL	✓	✓	✓	✓	✓	✓





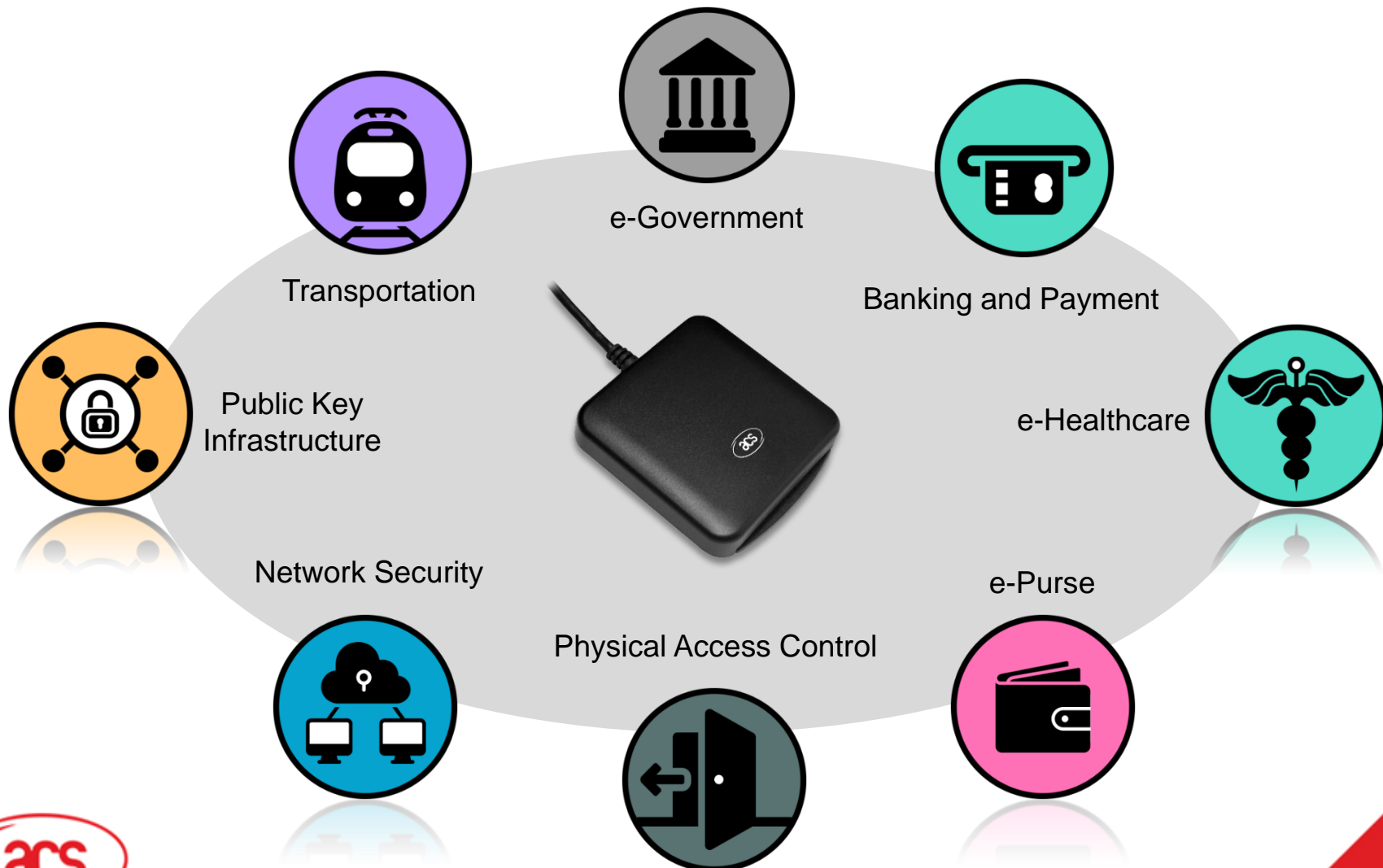
# Product Applications



**Advanced Card Systems Ltd.**

Card & Reader Technologies

# In what areas can the ACR39 be used?



# 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.





**Thank You!**



**Advanced Card Systems Ltd.**  
Card & Reader Technologies

[info@acs.com.hk](mailto:info@acs.com.hk)  
[www.acs.com.hk](http://www.acs.com.hk)