



ACR39 Series



Advanced Card Systems Ltd.
Card & Reader Technologies

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Product Information



Advanced Card Systems Ltd.
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Product Overview

ACR39 Series



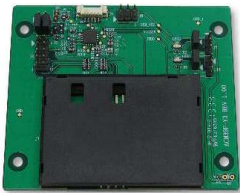
Ipod Casing
(Full-sized Cards)



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	✓	✓	✓	✓	✓	✓



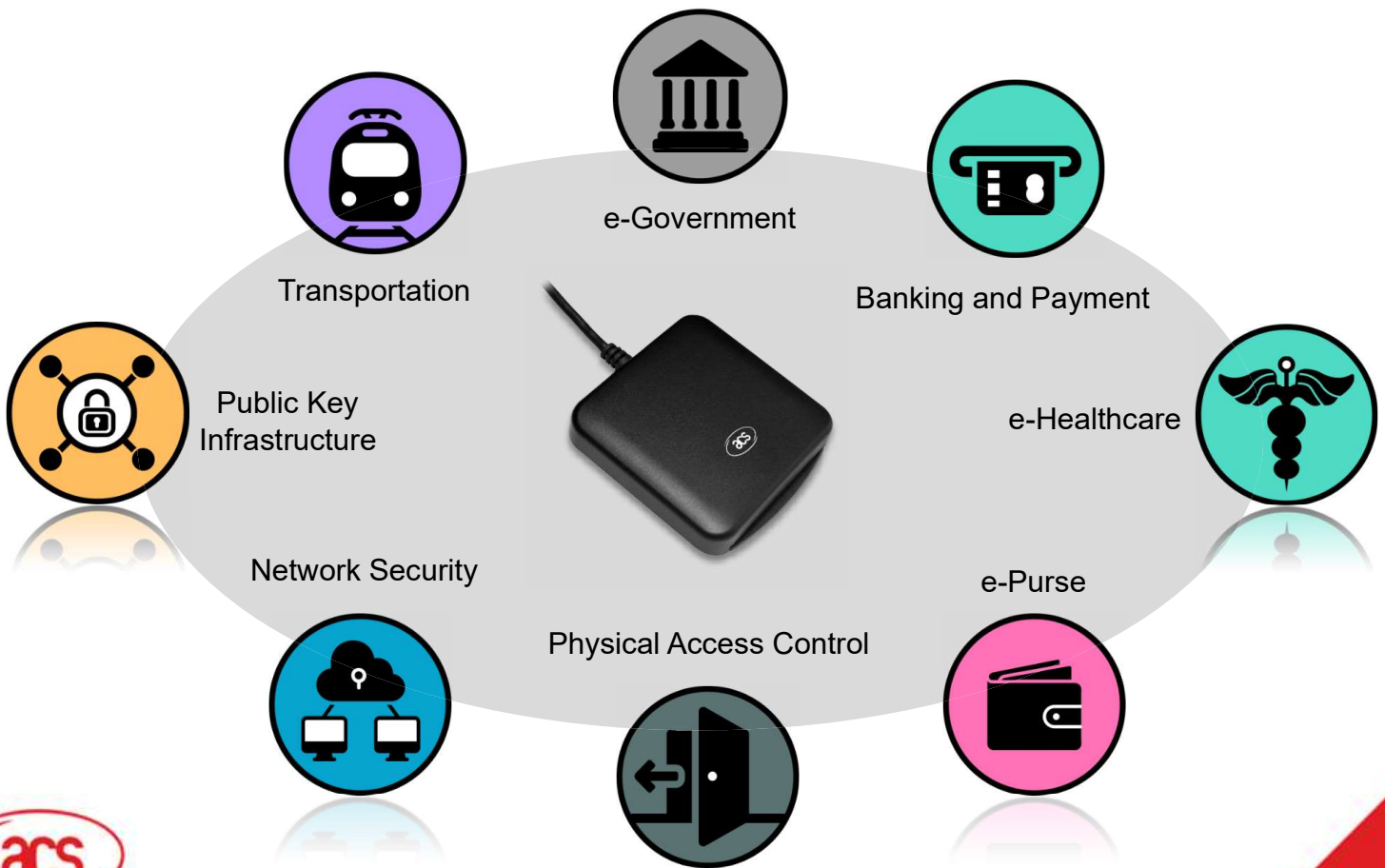


Product Applications



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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!



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