PC-LINKED SMART CARD READER MOBILE CARD READER

ACR39U-N

PORTABLE & ADAPTABLE

The ACR39 PocketMate Ilwith USB Type A & Type-C Connector incorporates a safe-keeping Swivel-USB-Go-design. The reader is capable of supporting demanding smart card applications, providing valuable and reliable functionalities to meet your security needs.

The device supports ISO 7816 Class A, B and C smart cards (5 V, 3 V and 1.8 V), microprocessor cards with T=0 and T=1 protocol. It also supports a wide variety of memory cards in the market, including the Department of Defense Common Access Card (CAC), the SIPRNET Card, the J-LIS Card and the Malaysian Identity Card (MyKad). This makes the reader ideal for a broad range of solutions, namely Physical and Logical Access Control, Digital Signature and Online Banking Applications.

Besides, the ACR39 PocketMate II is compliant with CCID, PC/SC, and Microsoft® WHQL standards, ensuring seamless integration with various operating systems such as Windows®, Linux®, macOS, iOS, iPadOS, Android™ and Solaris™.

KEY FEATURES

☑ Supports Various Types of Contact Cards

- o ISO 7816 Class A, B and C (5 V, 3 V and 1.8 V)
- Microprocessor Card (T=0, T=1)
- o Memory Card
- MyKad
- o CAC, PIV, J-LIS, SIPRNET Smart Cards

☑ Reliable

Compliant with International Regulations

Compatible

○ Windows[®], Linux[®], macOS, iOS, iPadOS, AndroidTM, SolarisTM



COMMON APPLICATIONS

- e-Government
- e-Banking and e-Payment
- e-Healthcare

Public Key Infrastructure

Network Security

Access Control

Loyalty Program

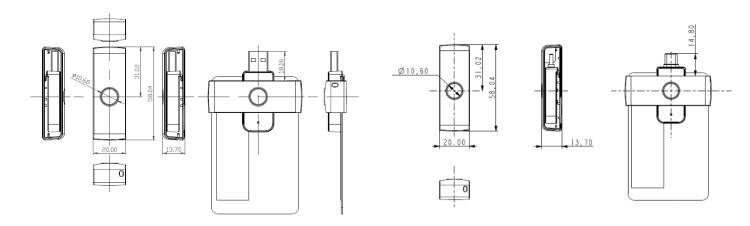


TECHNICAL SPECIFICATIONS

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Contact Smart Card In		
Number of Slot(s)	1 Full-Sized Card Slot	
	ISO 7816 Parts 1-4, Class A, B, C	
	(5 V, 3 V, 1.8 V),	
Supported Card	Microprocessor Card (T=0, T=1),	
Types	Memory Card, MyKad,	
3.	CAC, PIV, J-LIS, SIPRNET Smart	
	Card	
Supply Current	Max. 100 mA	
Read/Write Speed	600 Kbps (depending on cards)	
Clock Frequency	4.80 MHz, Operates Up to 16MHz	
Card Connector	6pin Contact	
Card Insertion Cycles	400,000	
PPS (Protocol and	Cupported	
Parameters Selection)	Supported	
Short Circuit Protection	Supported	
Host Interface		
Protocol	USB CCID	
Connector Type	N1: USB Type-A	
	NF: USB Type-C	
USB Interface	USB 2.0 Full Speed (12Mbps)	
	Compatible with USB 3.0	
Supply Voltage	5 V	
Application Programm	ning Interface	
PC-Linked Mode	PC/SC	

Physical Characteristics		
Dimensions	Type-A/Type C: 58.0 mm (L) × 20.0 mm (W) × 13.7 mm (H)	
Weight	Type-A: 12 g ± 1.2 g Type-C: 10 g ± 1.0 g	
Available Colour(s)	White	
Peripherals		
LED	Green	
Operating Conditions		
Temperature	0 - 60°C	
Humidity	Max. 90% (non-condensing)	
MTBF	500,000 Hours	
Power Source	USB Port	
Certifications/ Compliances		
Standards	USB CCID, PC/SC, EMV™ Level 1 (Contact), PBOC Level 1 (Contact), J-LIS, Microsoft® WHQL, CT-API, TAA	
Regulatory/ Environmental	CE, IEC/EN 62368, UL 62368, FCC, VCCI, KC, RoHS, REACH, WEEE, UKCA	
OS Support		
Supported OS	Windows [®] , Linux [®] , macOS, iOS, iPadOS, Android [™] , Solaris [™]	
Model/Part Number		
Default [USB Type-A]	ACR39U-N1	
Default [USB Type-C]	ACR39U-NF	

MECHANICAL SPECIFICATIONS



Pictured Above: ACR39U-N1 [Type-A] Pictured Above: ACR39U-NF [Type-C]

About ACS

Advanced Card Systems Ltd. (ACS), founded in 1995, is Asia Pacific's top supplier and one of the world's top 3 suppliers of PC-linked smart card readers. ACS is the winner of the Product Quality Leadership Award for Smart Card Readers from Frost & Sullivan. ACS was listed in Forbes Asia's "Best Under a Billion" list for several years, an inter-industry list comprised of 200 top-performing publicly listed companies in the Asia-Pacific, with sales between US\$5 million and US\$1 billion. ACS develops a wide range of high-quality smart card reading/writing devices, smart cards and related products and distributes them to over 100 countries worldwide.

Click here for Sales Enquiry

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