

ACR39U-ND micro-USB folding smartcard reader



The ACR39U-ND PocketMate II (Micro-USB) is a stylish and compact smartcard reader from ACS. The size of a USB stick, the ACR39U-ND swivels to reveal a slot to read full size ISO7816 Class A, B and C memory-based smartcards and T=0, T=1 microprocessor cards.

The ACR39U functionality is not compromised by the size. This reader has read/write speeds of up to 600kbit/s.

Fully compliant with PC/SC and CCID specifications. The pocket-sized reader supports operating systems such as Windows, Linux, Mac OS, Solaris, and Android (v3.1+) on mobile devices.

The ACR39U-ND is a plug and play micro-USB smartcard reader, ideal for identity verification, digital signatures and logical access control.

This folding micro-USB smartcard reader has the same functionality as the ACR39U-NF and ACR39U-N1 readers, but has a micro-USB connector better suited to mobile devices, rather than USB type A or C.

**A portable micro-USB contact smartcard reader with a swivel case.
CCID compliant.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~854/acr39u-nd-micro-usb-folding-smartcard-reader/p/index.shtml>

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

Technical Specifications

Dimensions: 2.28" x 0.79" x 0.55" (58 x 20 x 13.9mm)

Weight: 9.7g

Colour: White

Power Supply: 5V USB powered

Operating Temperature: 32- 140F (0 - 60C)

Operating Humidity: Max 90% (non-condensing)

MTBF: 500,000hrs

Host Interface

USB CCID (Micro B connector)

Transmission Speed: 12 Mbps (USB full speed)

Contact Smartcard Interface

Supports Processor cards: following either T=0 or T=1 protocol

Supports Memory-based Smart Cards: Cards following the I2C bus protocol with up to 128bytes, and 1k or 256 byte EEPROM memory cards such as SLE4428, SLE5528, SLE5542

Protocol standards: ISO 7816 Parts 1-3, Class A, B, C (5V, 3V, 1.8V); T=0; T=1;

Memory card support

Supported APIs: PC/SC, CT-API (through wrapper on top of PC/SC)

Supply current: Max 50mA

Smart card read/write speed: 9.6kbps - 600 kbps

Short circuit protection: (+5) V/GND on all pins

Clock frequency: 4.8MHz

Card insertion cycles: Min 100,000

Human Interface

Status Indicator: Green LED

Compliance / Certification

Microsoft WHQL, RoHS 2, REACH, WEEE, IEC 60950, ISO 7816, EMV Level 1 (Contact), CE, FCC, TAA (USA), J-LIS (Japan), VCCI (Japan), PBOC (China)

Operating System support

Windows 10, 8.1, 8, 7, Vista, XP

Windows Server 2016, 2012 R2, 2012, 2008 R2, 2008, 2003

Linux, Mac OS, Solaris, Android 3.1 and later

Manufacturer's part number: ACR39U-ND



Manufacturer: ACS

Connection Method: USB