

ACR38F



The ACR38F USB reader from ACS is based on the popular ACR38 electronics, housed in a lightweight frame that fits comfortably into a standard PC 3.5" drive bay. This reader is fully PC/SC, CCID and EMV Level 1 compliant and supports all ISO 7816 microprocessor-based smartcards as well as many popular memory cards.

Ideal for many smartcard-based applications on desktop PCs, the reader comes complete with WHQL approved Windows drivers, as well as support for other operating systems such as Linux.

The ACR38F is a cost-effective way of incorporating a smartcard reader inside a PC for added convenience and security. This model has a smart black fascia and comes complete with a captive cable designed to connect to a standard external USB port.

Note that this reader has the very latest V112 firmware - non-PC/SC software written for older versions of the ACR38, or applications using low-cost memory cards may need to be updated slightly.

A USB contact smartcard reader designed to fit in a standard PC 3.5" drive bay. Supplied with an external USB cable.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~131/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.

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1 Year Manufacturers Warranty

The ACx38 range are all USB 2.0 and contain the same series of ACS controller chip housed in different casings with varying additional features. The ACx38 series of readers are single chip solutions that have been certified by EMV Level 1, FCC, CE and Microsoft WHQL.

Standard PC/SC drivers for Windows, Linux and Mac OS X come with every product. Also CCID compliant where shown.

Standards and Certifications:

ISO 7816

PC/SC

EMV Level 1

FCC

CE

Microsoft WHQL 2K, XP

Protocols / Cards Supported:

Supports all microprocessor-based smartcards using T=0 or T=1 protocols as well as the following memory cards:-

Siemens: SLE4418, SLE4428, SLE4432 & SLE4442

Atmel: AT24C01 - 1024

STMicroelectronics: ST14C02C & ST14C04C

GemPlus: GFM1K, GFM2K, GFM4K & GFM8K

Secure memory cards: AT88SC153 & AT88SC1608

Card Voltage: 5V, 3V & 1.8V

Technical Specifications:

Connection method: USB 2.0 (USB 1.1 Backwards compatible)

Supplied voltage: Regulated 5V DC

Supplied current: Max. 50mA

Card contacts: Sliding, rated to min. 100,000 insertions

CLK Frequency: 4 MHz

Drivers for USB interfaces: PC/SC for Windows; PC/SC for Linux & MacOS X;

Synchronous API

Manufacturer: ACS

Connection Method: USB