

### Omnikey 4321



The 4321 ExpressCard reader from Omnikey (previously the CardMan CM4321) has been developed to meet all major standards such as PC/SC, ISO 7816 and EMV Level 1, and will work in 54mm ExpressCard slots.

The reader comes complete with WHQL approved drivers for Windows, as well as support for other operating systems such as Linux. With additional drivers available for download from the OMNIKEY website, it is ideal for many smartcard-based applications on portable computers.

The CardMan 4321 maintains Omnikey's excellent reputation for high quality readers, offering users the capability to manage their various smartcard activities 'on the move'. The smartcard slides in partially, leaving an ample amount outside for easy retraction.

Omnikey part number R43210201-2

**An ExpressCard format smartcard reader for laptops using the popular Omnikey 3121 chipset. Two year warranty.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~153/omnikey-4321/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](mailto:sales@smartcardfocus.com) or call us on +44 (0)1428 685250.

## **Omnikey 4321 ExpressCard**

### **2 Year Manufacturers Warranty**

The 4321 ExpressCard has standard PC/SC drivers for Windows 98, ME, NT, 2000, XP and Vista shipped with every product, whilst Linux drivers are available for download from the Omnikey website. CT-API and Synchronous API drivers are also available for many of the same operating systems from the Omnikey website.

### **Standards and Certifications**

ISO 7816

PC/SC

EMV 2000 Level 1

HBCI

FCC

UL

CCID

WEEE

CE

Microsoft WHQL

### **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 & SLE4404 and others on request.

Card Voltage: 5V, 3V & 1.8V

### **Technical Specifications:**

Transmission Speed: 12Mbps

Connection method: ExpressCard 54mm

Supplied current: 60mA to power the smartcard

CLK Frequency: Up to 8MHz

Drivers: PC/SC for Windows 98, NT, ME, 2K, CE, XP, and Vista; PC/SC for Linux; Synchronous API & CT-API

**Manufacturer:** Omnikey

**Connection Method:** ExpressCard 54mm