Omnikey 3121

The 3121 USB desktop reader from Omnikey (previously the CardMan CM3121) is a revolutionary addition to their range, offering the very latest technology in a new-style housing. This reader is fully PC/SC and EMV Level 1 compliant and supports all ISO 7816 microprocessor-based smartcards as well as a variety of popular memory cards. It also meets USB 2.0 and CCID specifications for simple driver installation.

The reader comes complete with WHQL approved Windows drivers, as well as support for other operating systems such as Linux, and is ideal for all smartcard applications. It is the preferred and approved model for standard NHS desktop applications.

The CardMan 3121 is one of Omnikey's leading readers and boasts both great performance and quality. This model comes complete with a lightweight foot for vertical desktop use and an integrated sticky pad for alternative mounting. Optional heavy feet for additional stability are also available, which also offer the user an alternate desktop mounting position.

Omnikey part number R31210320-01

This popular USB contact reader is known for its great performance and reliability. Stable design for vertical card insertion. Two year warranty.

To buy, visit:

https://www.smartcardfocus.com/shop/ilp/id~54/omnikey-3121/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.

Omnikey 31xx series

2 Year Manufacturers Warranty

The 31xx range includes the following:-

- 3121 USB
- 3111 Serial

The readers are single chip solutions that have been certified by EMV Level 1, FCC, CE and Microsoft WHQL.

Standard PC/SC drivers for Windows 98, ME, NT, 2000 and XP with every product. We also offer Linux and Mac OS X drivers for the 3121 and in addition Linux drivers for the 3111 are available for download from the Omnikey website. Synchronous API drivers are also available for many of the same operating systems from the Omnikey website.

All readers come with a complimentary light base that enables the reader to sit comfortably on the user's desk. An integrated LED indicates successful supply of power to the reader and insertion of card.

Standards and Certifications

ISO 7816

PC/SC

EMV 2000 Level 1

HBCI

FCC

CE

UL

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: USB (USB 2.0 & USB 1.1 Backwards compatible) or RS-232 (Serial)

Supplied voltage: Regulated 5V DC

Supplied current: <100mA (Without Smartcard), 60mA to power the smartcard

Card contacts: 100,000 insertion cycles

CLK Frequency: Up to 8MHz

Drivers: PC/SC for Windows 98, NT, Me, 2K, XP, Windows Server 2003, Windows Vista 32 & 64bit Windows 7 & 8, Windows CE; PC/SC for Linux & MacOS X (CM3121 only); Synchronous API & CT-API

Manufacturer: Omnikey

Connection Method: RS232+USB