

Omnikey 3121 Landing Contacts



The 3121 USB landing desktop reader from Omnikey offers the very latest technology in a new-style housing. This reader has landing contacts and 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.

The Omnikey 3121 landing is a durable smartcard reader that can be used in very high transaction volume environments, or where marks on the contact plate need to be minimised (for example card initialisation/applet loading).

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 R31210277-1

The standard Omnikey 3121 contact smartcard reader with landing contacts, ideal for very high transaction volume environments.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~561/omnikey-3121-landing-contacts/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