

Prox Smart Card Reader Technology



CardMan® 5125 User's Manual

CardMan 5125



User's Manual English

If you have any technical problems or other questions please contact
our help desk: support@omnikey.com

For latest drivers, visit our homepage: <http://www.omnikey.com>

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Introduction

This manual describes the physical behaviour, short data sheet and conformities of OMNIKEY's CardMan 5125, a combined contact and contactless smart card reader.

To install your CardMan 5125 please follow the steps as described in the "**CardMan 5125 Installation Guide**".

If you are developing applications using CardMan 5125, please refer to the "**CardMan 5125 Developer's Guide**".

For other detailed informations please contact the OMNIKEY support: support@omnikey.com

Box content

- Smart Card Reader with fixed USB cable.
- This manual

The required drivers for operating your reader can be found in the internet at <http://www.omnikey.com>

Overview

The CardMan 5125 is a dual interface PC-linked reader that reads 125Khz Prox (RFID) contactless smart cards and virtually any contact smart card. The dual interface feature economically supports end-user environments where both contactless and contact smart card technology may be in use.

The CardMan 5125 is a USB plug and play device. The USB cable is fixed to the reader. To connect the reader with your PC, plug the USB connector to an unused USB port of your computer.

When the reader is working the LED on the right is lighting up green. If the reader is not working consult the "CardMan 5125 Installation Manual" for driver setup.

For using a contact card, put the card with the contacts facing up, in the reader. For contactless operation, hold the card next to the logo on top of the reader.

When the reader is exchanging data with the card (reading or writing) the LED on the right is blinking red.

Short Data Sheet

Dimensions	80 mm x 67 mm x 28 mm (3.15" x 2.64" x 1.1")
Weight (including standard base and adapter)	190 gr (6.7 oz.)
Operating temperature	10-55°C (50-131°F)
Operating humidity	10-90% rH
Composition	ABS
PC Connector cable	180 cm (6ft)
Contact Interface Durability	100,000 Insertions
Meantime between failure (MTBF)	500,000 Hours
Host Interface	USB 2.0 CCID (also supports 1.1)
Host Data Transmission speed	12 Mbps (USB 2.0 Full Speed)
Power supply	Bus powered

Conformance Information

CE Marking

The shipped version of this device complies with the requirements of the directives 89/336/EEG, 73/23/EEG and 1999/5/EEG.

