



Prox Smart Card Reader Technology



OMNIKEY® 5325 User's Manual

## OMNIKEY® 5325



### User's Manual English

If you have any technical problems or other questions please contact  
our help desk: [support@omnikey.com](mailto: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 the OMNIKEY® 5325, a combined contact and contactless smart card reader.

To install your OMNIKEY® 5325 please follow the steps as described in the "**OMNIKEY Installation Guide**".

If you are developing applications using OMNIKEY 5325, please refer to the "**OMNIKEY Contactless Developers Guide**".

For other detailed informations please contact the OMNIKEY support: [support@omnikey.com](mailto:support@omnikey.com)

### Box content

- Smart card reader with fixed USB cable
- This manual

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

## Overview

The OMNIKEY® 5325 is a dual interface PC-linked reader that reads 125kHz Prox (RFID) contactless smart cards and reads/writes 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 OMNIKEY 5325 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 "OMNIKEY 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	115 x 96.5 x 25.5 mm (3.78" x 3.07" x .031")
Weight	Approx. 160 gr / 5.64 oz
Operating temperature	0°-55°C / 32-131°F
Operating humidity	10-90% rH
Composition	ABS
PC Connector cable	180 cm (70.9")
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/EG.



### Declaration of Conformity (FCC ID SIYOK5325)

This device complies with FCC code of federal regulations, CFR 47, Part 15, Sections 15.205, 15.207 and 15.209.



Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### Declaration of Conformity (5345A-OK5325)

This device complies with Industry Canada Radio Standards Specifications RSS-Gen Issue 2, Section 7.2.2 and RSS-210 Issue 7, Section 2.2, 2.6 (Category I Equipment).

## User's Manual - English

Operation is subject to the following two conditions: [1] this device may not cause interference, and [2] this device must accept any interference, including interference that may cause undesired operation of the device.



### EC Manufacturer Declaration of Conformity Page 1 of 1

Manufacturer: OMNIKEY GmbH  
Address: Am Klängenweg 6A  
65396 Walluf  
Germany  
Product Description: OMNIKEY 5325

The products described above in the form as delivered is in conformity with the following European Directives:

1999/5/EG Directive of European Parliament and of the council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

Conformity of the directives is assured through the application of the following standards:

Reference Number	Edition
EN 300330-2	V1.1.1
EN 300330-1	V1.1.1
ETSI EN 301489-1	V1.6.1
ETSI EN 301489-3	V1.4.1
EN 60950-1	2001
Amendment A11 to EN 60950-1	2004

Walluf, 25/06/2008 Uwe Schnabel, Director R&D  
Location, Date Name, Function

Signature

This declaration certifies the conformity of the specified standards but contains no assurance of properties.

