



OMNIKEY® 5121



ACCESS quality.

Installation Guide

Technical problems or questions:

support@omnikey.com

Latest drivers and manuals:

<http://www.hidglobal.com/omnikey>



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Introduction

This guide describes physical behaviour and conformities of the OMNIKEY® 5121, a combined contactless and contact smart card reader.

To install the OMNIKEY® 5121 follow the steps described. For further information, contact OMNIKEY support: support@omnikey.com

Content

- Smart Card Reader
- Installation Guide

Find drivers and additional manuals for this reader and various operating systems at <http://www.hidglobal.com/Omnikey>.

Overview

The OMNIKEY® 5121 is a PC-linked reader that reads 13.56 MHz (RFID) contactless smart cards. This reader is also equipped with a contact interface, which reads/writes to virtually any contact smart card.

The OMNIKEY 5121 is a USB plug-and-play device. To connect the reader with your computer, plug the USB connector into your computers USB port.

When the reader is working, the LED on the right illuminates green. Consult the OMNIKEY User Guide for driver setup, if the reader is not working.

For contactless operation, hold the card next to the logo on the reader. For contact smart cards, insert the card with contacts facing up into the reader.

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

Specifications

Dimensions	Approx. 80 x 67 x 28 mm / 3.15" x 2.64" x 1.1"
Weight (incl. standing base)	Aprox. 200gr / 7.1 ounces
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: SIYOK5121)

This device complies with Part 15 of the FCC rules.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Declaration of Conformity (5345A-OK5121)

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).

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.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

EC Declaration of Conformity
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Manufacturer: OMNIKEY GmbH
Address: Am Klingenberg 6a
605396 Walluf
Germany

Product Description: OMNIKEY 5121

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
EN60950-1	2001
Amendment A11 to EN60950-1	2004

Walluf, 29/09/2008
Location, Date

Uwe Schnabel, Director R&D
Name, Function

Signature

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