OMNIKEY®

Smart Card Readers

Installation Guide

Base Models: 1021, 3021, 3121, 4040, 4321, 5121, 5125, 5127, 5321, 5325, 6121, 6221, 6321, 7121

Drivers and Manuals:
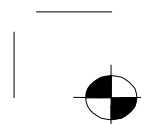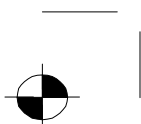
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Introduction

This guide describes physical behavior and conformities of the OMNIKEY® Smart Card Reader family.

1021 USB - Desktop smart card reader in a small form factor for desktop and mobile usage.

3021 USB - High-performance smart card reader, with a USB interface and small form factor for desktop and mobile usage.

3121 USB - High-performance smart card reader for desktop use with multiple standing base options in a robust housing.

4040 Mobile PCMCIA - High-performance smart card reader for mobile use in laptops and PDAs with PCMCIA interface.

4321 Mobile ExpressCard 54 - High-performance smart card reader for mobile use in laptops and PDAs with the ExpressCard™ interface.

5125 / 5325 USB Prox – Dual interface PC-linked reader that reads contactless (125kHz) HID Prox cards and reads/writes virtually any contact smart card.

5121 / 5321 USB - Dual interface PC-linked reader that reads/writes to both 13.56 MHz contactless cards and virtually any contact smart card.

5127 CK USB - Contactless 13.56MHz/125kHz reader with CCID/Keyboard wedge interface.

6121 Mobile USB - Fully functional smart card reader for SIM-sized smart cards, especially well suited for use with mobile devices.

6221 USB - SIM-size contact smart card and Micro-SD reader, especially well suited for use with mobile devices.

6321 Mobile USB - Dual interface PC linked reader that reads/writes to 13.56 MHz contactless smart card and virtually any SIM-sized contact smart card.

7121 USB Biometric - Full-size smart card reader with a Biometric stripe sensor in a desktop housing.

Parts
- Smart Card Reader
- Installation Guide

Find drivers, reader documentation supporting various operating systems at http://www.hidglobal.com/omnikey.

See the application note for card loading and handling instructions at http://www.hidglobal.com/omnikey.

Specifications and Installation

For further information, contact HID support: http://support.hidglobal.com/.

For driver setup, consult the OMNIKEY Smart Card User Guide (http://www.hidglobal.com/documents/ok3121_userguide_ins_en.pdf).

CAUTION: Install the drivers prior to attaching the OMNIKEY reader with the computer.

USB Connected Reader Specifications

Operating Temperature	0°-55°C / 32°-131°F
PC Connector Cable	180 cm / 70.9 in (150 cm / 59,1 in - **Models 1021 & 3021**)
Meantime between Failure (MTBF)	500,000 Hours
Host Interface	USB 2.0 CCID (USB 1.1 Compatible)
Host Data Transmission Speed	12 Mbps (USB 2.0 Full Speed)
Power Supply	Bus Powered

USB Connected Reader Installation

1. Connect the reader with your computer; plug the USB connector into your computers USB port.

2. When the reader is operational, the LED illuminates.

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

4. When the reader is exchanging data with a card (reading/writing), the LED blinks.

PCMCIA and ExpressCard Reader Specifications

	4321	4040
Operating Temperature	0°-55°C / 32°-131°F	
Meantime between Failure (MTBF)	500,000 Hours	
Host Interface	ExpressCard™ 54 mm	PCMCIA
Host Data Transmission Speed	12 Mbps	16 Mbps
Power Supply	Bus Powered	PCMCIA

PCMCIA and ExpressCard Reader Installation

1. Insert the reader into the compatible interface slot of your Notebook or PDA.

2. If the reader is operational, observe the reader in your operating system's **Device Manager**.

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

Regulatory

FCC / Canada Radio Certification

CAUTION: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This device complies with Industry Canada license-exempt RSS standard(s). 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.

CE Marking

HID Global hereby declares that these products are in compliance with the essential requirements and other relevant provisions of the applicable Directives. A DoC copy can be found at http://certifications.hidglobal.com.

Nur in Verbindung mit zertifiziertem PC.

Taiwan

According to "Administrative Regulations on Low Power Radio Waves Radiated Devices" Without permission granted by the DGT, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices. The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications is operated in compliance with the Telecommunications Act. The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

Singapore

Approved by IDA for use in Singapore. DA103548

Japan ITE

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取扱説明書に従って正しい取り扱いをして下さい。　　　　　ＶＣＣＩ－Ｂ

Korean

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Le prsent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorise aux deux conditions suivantes : (1) l'appareil nedoit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillageradiolectrique subi, mme si le brouillage est susceptible d'en compromettre le fonctionnement.