



CONTACTLESS OMNIKEY SMART CARD READER WITH COMPACT FOOTPRINT FOR DESKTOP USE

- **Compact Form Factor** – enables two-factor authentication in space-restricted work environments
- **Sleek and Stylish** – design available in five different colors to seamlessly fit into modern corporate environments
- **Secure and Convenient** – usage of contactless physical access cards and contactless PKI card
- **Standardized** – mount on back of device enables additional accessories to be added; these accessories allow the reader to be easily mounted on various locations when desk space is restricted

HID Global's OMNIKEY® 5021 CL contactless smart card reader marks a milestone in reader design with its clever new minimized pocket size. This brand new design concept allows a new range of markets and use cases such as Healthcare, where computers on wheels and mobile work stations are commonly used. With its small pocket size form factor, the new OMNIKEY 5021 is a perfect fit for such applications.

Like all HID OMNIKEY contactless smart card readers, the OMNIKEY 5021 CL reader provides convenience, speed and security of contactless technology for applications such as PC and network log-on, email encryption and signature, as well as every other use cases where reliable technology is key.

Increased efficiency is provided by leveraging existing OMNIKEY contactless

driver platform as well as Windows® Plug-and-Play driver support. This means the reader can be seamlessly integrated into any end-user environments with little or no administration.

Modern and stylish color options allow for seamless integration into all kinds of corporate environments including offices, production floor and representative areas. The OMNIKEY 5021 also features LED illumination so that when a card is placed on top, the operational status of the reader remains visible.

Smart accessories such as adhesive plate, screw mount and card holder extend the usability and convenience of this compact and powerful reader beyond standard desktop operation, and allow for tap-and-go use as well as permanent "card present" mode in all contactless card environments.

**ADDITIONAL PRODUCT FEATURES:
CONTACTLESS SMART CARDS SUPPORTED:**

- HID: iCLASS®
- NXP: MIFARE®, MIFARE® Ultralight, DESFire®, SMART-MX and ICODE
- Texas Instruments: TagIT®
- ST Micro: x-ident, SR 176, SR 1X 4K
- Infineon: My-d (in secure mode UID only)
- Atmel: AT088RF020
- KSW MicroTech: KSW TempSens
- Contactless 2048 bit key generation in RSA mode (JCOP / SMART-MX)

* For Driver Download, Please Visit www.hidglobal.com/omnikey

FEATURES:

- Multiple color options available
- Optional card holder for card present operation
- Optional adhesive tape and additional mounting units available
- Small footprint
- Reader supports contactless smart cards with up to 848 Kbps in the fastest ISO 14443 transmission mode
- EMD suppression support
- Supports three ISO standards for contactless cards (ISO 14443 A/B and 15693)
- Contactless PKI, HID® iCLASS, MIFARE®, MIFARE® Ultralight, DESFire®, SMART-MX and ICODE
- Based on existing OMNIKEY 5321 CL Contactless reader functionality
- Windows WHQL / Plug-and-Driver Support

SPECIFICATIONS



Base Model Number	OMNIKEY® 5021 CL
Dimensions	2.32" x 2.32" x 0.44" (59 x 59 x 1,4 mm)
Weight	Approx. 3.52 oz (100 g)
Power Supply	Bus powered
Operating Temperature	32-158 °F (0-70 °C)
Non-Operating Temperature	-4 to 176 °F (-20 to +80 °C)
Operating Humidity	0-95% rH
HOST INTERFACE	
Host Interface	USB 2.0 (also compliant with USB 1.1)
Transmission Speed	12 Mbps (USB 2.0 full speed)
CONTACTLESS SMART CARD INTERFACE	
Protocols	T=CL, MIFARE®, iCLASS® / ISO 14443 A with 848 Kbps transmission rate (depending on card), ISO 14443 B with 848 Kbps transmission rate (depending on card), ISO 15693 with 26 Kbps transmission rate (depending on card)
Supported APIs	PC / SC driver (ready for 2.01), Synchronous API (on top of PC/SC)
PC / SC Driver Support	Windows Vista/7/8 (32/64 bit) Windows Server 2003/2008 (32 bit / 64 bit), 2008R2 (64 bit) Windows CE 4.2/5/6/7 (depending on hardware) Linux® and Mac® OS X
Status Indicator	Two dual-color LED bars (white - ready / blue - busy)
Color	Body Light Grey / Cover in different colors available
Optional Accessories	Card Holder (for Card present use) Adhesive tape Mounting Jacket
Customization Options	Customer-specific logo : available upon request
Composition	PC
Cable Length	78" (200cm)
Meantime Between Failure(MTBF)	500,000 hours
Compliance / Certification	Microsoft® WHQL ¹
Safety / Environmental	CE, FCC, UL, RoHS, WEEE, In preparation: C-TICK, KCC
Warranty	Two-year manufacturer's warranty. (For drivers, see complete lifetime support policy.)

¹ Windows® Hardware Quality Lab



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