

OMNIKEY® 5321 CR USB Reader

Waterproof Contactless USB Smart Card Reader for Hygienic Environments

- ▶ **Designed for User Convenience** – Innovative and stylish housing design for easy contactless operation in clean room and germ-free environments
- ▶ **Versatile Applications** – Ideal for end-user environments where a wide range of contactless smart card technologies are in use
- ▶ **Fast Contactless Transmission** – Supports contactless smart cards up to 848 Kbps in fastest ISO 14443 A/B
- ▶ **Readily Compliant** – Supports HID® iCLASS® and MIFARE®, as well as ISO 14443 A/B and ISO 15693



SECURE identification.

Finished in a stylish, waterproof housing, the OMNIKEY® 5321 CR reader is ideal for contactless technology applications with high demands for hygiene, such as for manufacturing sites, hospitals, clean room environments or anywhere that a sleek and modern reader is desired. A PC-linked reader that reads/writes to 13.56 MHz contactless smart cards in all three HF standards, the OMNIKEY 5321 CR economically supports end-user environments where a variety of contactless cards and tags are used.

Utilizing contactless smart card technology for PC-linked applications, the OMNIKEY® 5321 CR device allows users to experience the convenience, speed and security of contactless technology for applications, including log-on to Windows®, networks, web sites and applications for the secure storage of user names, passwords and personal information.

Additionally, the OMNIKEY 5321 CR supports HID on the Desktop™ as part of a three component solution, including a HID technology card, reader and naviGO® software, enabling logical access in hygienic or virtually any environment. Equally suited for mobile and laptop usage, the reader supports all relevant operating systems, ensuring worldwide compliance and easy integration in any system.

- ▶ Uniquely designed sealed housing supports clean room requirements
- ▶ Supports three ISO standards for contactless cards (ISO 14443 A/B and 15693) and Microsoft WHQL
- ▶ Supports contactless smart cards with up to 848 Kbps in the fastest ISO 14443 transmission mode
- ▶ Standard application interfaces include PC/SC, Synchronous-API (on top of PC/SC)

Contactless smart cards supported:

- ▶ HID: iCLASS®
- ▶ NXP: MIFARE®, MIFARE Plus, 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
- ▶ iCODE SL1, iCODE SL2 & LRI 64
- ▶ Contactless 2048-bit key generation in RSA mode (JCOP/SMART-MX)

For drivers download, please visit <http://www.hidglobal.com/omnikey>

Specifications

Base Model Number	OMNIKEY® 5321 CR USB
Dimensions	4.72" x 3.54" x 0.94" (120 x 90 x 24 mm)
Weight	Approx. 7.48 oz / 212 g
Power supply	Bus powered
Housing protection class	IP67
Operating temperature	32°-131° F (0° - 55° C)
Operating humidity	10-90% 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® 2000 / XP (32bit), 2003 Server, 2008 Server Windows® CE 5.0 / 6.0 / CE.NET (depending on hardware), Windows® XP 64bit (AMD64, EM64T, IA64), Windows® Vista (32bit / 64bit), Windows 7 (32bit/64bit) Linux® (in preparation), Mac® OS X 10.5 Leopard (in preparation)
Status indicator	Dual color LED (green=ready, red=busy)
Reader Board	Also available as PCB
Color	White
Options	Customer Specific Logo: Available upon request
Composition	PC
Connector cable	70.9" (180 cm)
Meantime between failure (MTBF)	500,000 hours
Compliance / Certification	Microsoft WHQL ¹ , Ingress Protection Class IP67, ISO 14443A+B, ISO 15693
Safety / Environmental	CE, FCC, UL, RoHS, WEEE
Warranty	Two year manufacturer's warranty. (For drivers, see complete lifetime support policy.)

¹ = Windows® Hardware Quality Lab.



© 2009 HID Global Corporation. All rights reserved. HID, the HID logo, Omnikey and the Omnikey logo are trademarks or registered trademarks of HID Global in the U.S. and/or other countries. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. Rev. 12/2009I

MKT-OMNIKEY_5321_CR_DS_EN Rev. 12/2009



ACCESS experience.

hidglobal.com

HID Global Offices:

Corporate North America
15370 Barranca Pkwy
Irvine, CA 92618
U.S.A.
Tel: 1 800 237 7769
Tel: +1 949 732 2000
Fax: +1 949 732 2360

Asia Pacific
19/F 625 King's Road
North Point
Island East
Hong Kong
Tel: +852 3160 9800
Fax: +852 3160 4809

Latin America
Circunvalación Ote. #201 B
Despacho 2
Col. Jardines del Moral
Leon 37160, Gto.
Mexico
Tel: +52 477 779 1492
Fax: +52 477 779 1493

Europe, Middle East & Africa
Haverhill Business Park
Phoenix Road
Haverhill, Suffolk
CB9 7AE
England
Tel: +44 1440 714 850
Fax: +44 1440 714 840