

OMNIKEY® 5321 Desktop USB Reader

Contact and contactless Desktop USB smart card reader

- ▶ **Versatile Applications** – Ideal for end-user environments using both contactless and contact smart card technology
- ▶ **Fast Contactless Transmission** – Supports contactless smart cards up to 848 Kbps in fastest ISO 14443 A/B
- ▶ **Designed for User Convenience** – Housing design is optimized for advanced contactless applications
- ▶ **Readily Compliant** – Supports HID® iCLASS® and MIFARE® as well as ISO 14443 A/B and ISO 15693



SECURE identification.

The OMNIKEY® 5321 represents the ideal combination of contact and contactless technology in a single device. Featuring a dual-interface PC-linked reader that reads/writes to both a 13.56 MHz contactless smart card and virtually any contact smart card, the OMNIKEY® 5321 economically supports end-user environments where both contactless and contact smart card technologies are used.

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

Key benefits:

- ▶ Secure authentication device for logging on to PC or IT infrastructure
- ▶ Does not require organizations to re-badge, issue a new token or make any changes to their physical access control system
- ▶ Can be used with existing ID cards to leverage investment as it reads a variety of technologies
- ▶ Easy to install and can be used with naviGo software to converge access from the door to the logging onto PCs
- ▶ Supports all relevant operating systems from all Windows platforms to Linux and Mac OS
- ▶ Conforming to all relevant industry standards including PC/SC, WHQL, USB CCID, EMV 2000 ensure world-wide compliance and easy integration in any system.
- ▶ Suppressing Electro Magnetic Distortion (EMD) the OMNIKEY 5321 provides together with an optimized antenna faster transmission speeds and shorter read times

For actual driver downloads please visit www.hidglobal.com/omnikey

Specifications

Base Model Number	OMNIKEY® 5321
Dimensions	3.78" x 3.07" x .031" (115 x 96.5 x 25.5 mm)
Weight	Approx. 5.64 oz / 160 g
Power Supply	Bus powered
Operating Temperature	32°-131° F (0° - 55° C)
Operating Humidity	10-90% rH
HOST INTERFACE	
Host Interface	USB 2.0 CCID ¹ (also compliant with USB 1.1)
Transmission Speed	12 Mbps (USB 2.0 full speed)
CONTACT SMART CARD INTERFACE	
Standards	ISO 7816 & EMV ² 2000 Level 1
Protocols	T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), I ² C (S=8)
Card Size	ID-1 (full-size)
Smart Card Interface Speed	420 kbps (when supported by card)
Smart Card Clock Frequency	Up to 8 MHz
Supported Card Types	5V, 3V and 1.8V Smart Cards, ISO 7816 Class A, B and C
Power to Smart Card	60 mA
Smart Card Detection	Movement detection with auto power-off / Automatic detection of smart card type/ Short circuit and thermal protection
8 Pin Handling	C4 / C8 supported
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), CT-API (on top of PC/SC, for contact interface), OCF (on top of PC/SC, for contact interface), Synchronous API (on top of PC/SC)
PC/SC Driver Support	Windows® 2000 / XP (32bit), 2003 Server, 2008 Server, Windows® CE 5.0 / CE.NET / CE 6.0 (depending on hardware), Windows® XP 64bit, Windows® Vista (32bit / 64bit), Windows 7 (32bit / 64bit), Linux® and Mac® OS X
Status Indicator	Dual color LED (green=ready, red=busy)
Reader Board	Also available as PCB
Color	Dark grey
Options	Customer Specific Logo, Label and Colors: Available upon request
Composition	ABS
Connector Cable	70.9" (180 cm)
Durability	100,000 insertions
Meantime Between Failure (MTBF)	500,000 hours
Compliance / Certification	Microsoft® WHQL ³ , EMV ² 2000 Level 1, ISO 7816, HBCI ⁴ , USB 2.0 (USB 1.1 compatible), CCID ¹ (contact interface only), GSA FIPS 201 approved product list, TAA (on request)
Safety / Environmental	CE, FCC, UL, RoHS, WEEE
Warranty	Two year manufacturer's warranty. (For drivers, see complete lifetime support policy.)

1 = Chip Card Interface Device, 2 = Europay® MasterCard® Visa®, 3 = Windows® Hardware Quality Lab, 4 = Home Banking Computer Interface



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MKT-OMNIKEY_5321_DS_EN Rev. 07/2010

ACCESS experience.

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