OMNIKEY® 5325 USB Prox

Contact and Contactless Prox Card Reader

ASSA ABLOY

◗ **Broad Use** – Reads unique number from HID Proximity cards, the industry standard for access control

◗ **Plug-and-Play** – Designed to facilitate easy device installation and automatic configuration

◗ **Easy Development** – Compliant with a variety of financial institution standards

◗ **Designed for User Convenience** – Housing design is optimized for advanced contactless applications

HID

ACCESS quality.

The OMNIKEY® 5325 is a high-performance, USB smart card reader for desktop use that can be used with any HID proximity card. Complete with a convenient card retainer and a robust housing, the OMNIKEY® 5325 is compliant with all industry standards. Designed to facilitate ease-of-use, this dual-interface (contact/contactless) reader works with your existing HID Prox cards enabling implementation of new logical access applications without re-badging.

Practical and affordable, the OMNKIEY 5325 reader is easy-to install and has a transmission speed to the card of up to 420 kbps, making it an ideal solution for a variety of contact smart card operations, including online-banking and/or digital signature applications.

◗ Robust housing and long USB cable for increased convenience and reliability
◗ Supports a variety of PC/SC drivers for contact interface
◗ Supports ISO 7816 and EMV (Europay®, MasterCard®, Visa®), Microsoft WHQL, and HBCI (Home Banking Computer Interface) industry standards for contact cards
◗ Meets EMV (Europay, MasterCard, Visa), Microsoft WHQL, and HBCI (Home Banking Computer Interface) industry standards for contact cards
◗ RoHS/WEEE- complaint
◗ Broad Use – Reads unique number from HID Proximity cards, the industry standard for access control (including all 26 - 40-bit and Corporate 1000 formats)

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Base Model Number	OMNIKEY® 5325
Dimensions	3.78" x 3.07" x .031" (115 x 96.5 x 25.5 mm)
Weight	Approx. 5.01 oz (142 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)
	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
Proximity card interface frequency	HID Prox 125 kHz
Supported APIs	PC/SC driver, 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, for contact interface)
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 (planned)
Status indicator	Dual-color LED (green=ready, red=busy)
Color	Dark Grey
Options	**Customer specific logo, label or color:** Available upon request
Reader Board	Available as PCB
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 (in preparation)
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

HID

ACCESS experience.

hidglobal.com

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