



OMNIKEY® 5125 USB Prox



CONTACT AND CONTACTLESS PROX CARD READER

- **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
- **Vertical and Horizontal Card Insertions** – Multiple base mounting options suit any application

The OMNIKEY® 5125 is a high-performance, USB smart card reader for desktop use that can be used with any HID proximity card. Complete with multiple base mounting options and a robust housing, the OMNIKEY® 5125 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 5125 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.

* For driver download, please visit www.omnikey.com.

FEATURES:

- Robust housing and long USB cable for increased convenience and reliability
- Supports a variety of PC / SC drivers for contact interface
- Equipped with an interchangeable standing base for both vertical and horizontal configurations that easily mounts to any PC monitor
- 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 compliant
- Reads unique number from HID Proximity cards, the industry standard for access control (including all 26–40 bit and Corporate 1000 formats)

SPECIFICATIONS

Base Model Number	OMNIKEY [®] 5125
Dimensions	3.15" x 2.64" x .11" (80 x 67 x 28 mm)
Weight (reader only / reader with heavy standing base)	Approx. 3.88 oz (110 g) Approx. 7.4 oz (210 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, AB 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 (32 bit), 2003 Server, 2008 Server, Windows [®] CE 5.0 / CE.NET / CE 6.0 (depending on hardware), Windows [®] XP (64 bit), Windows [®] Vista (32 bit / 64 bit), Windows 7 (32 bit / 64 bit), Linux [®] and Mac [®] OS X
Status Indicator Color	Two LED (green = ready, red = busy)
Options	Customer-specific logo, label and colors: available upon request Jumbo standing base: available upon request
Mounting (standard base)	Includes adhesive attachment pad and vertical mounting option
Reader Board Composition	Available as PCB ABS
Connector Cable Durability	70.9" (180 cm) 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 , GSA FIPS 201 approved product list
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 = Homebanking Computer Interface



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20110601-OK-5125-en-ds Rev. 06/2011