

# 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



### ACCESS quality.

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.

- ▶ 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 and 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- 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)

# Specifications

<b>Base Model Number</b>	OMNIKEY® 5125
<b>Dimensions</b>	3.15" x 2.64" x .11" (80 x 67 x 28 mm)
<b>Weight (Reader only) / Reader with heavy standing base)</b>	Approx. 3.88 oz (110 g) Approx. 7.4 oz (210 g)
<b>Power supply</b>	Bus powered
<b>Operating temperature</b>	32° - 131° F (0° - 55° C)
<b>Operating humidity</b>	10-90% rH
<b>HOST INTERFACE</b>	
<b>Host Interface</b>	USB 2.0 CCID <sup>1</sup> (also compliant with USB 1.1)
<b>Transmission speed</b>	12 Mbps (USB 2.0 full speed)
<b>SMART CARD INTERFACE</b>	
<b>Standards</b>	ISO 7816 & EMV <sup>2</sup> 2000 Level 1
<b>Protocols</b>	T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), I <sup>2</sup> C (S=8)
<b>Card size</b>	ID-1 (full-size)
<b>Smart Card interface speed</b>	420 kbps (when supported by card)
<b>Smart Card clock frequency</b>	Up to 8 MHz
<b>Supported card types</b>	5V, 3V and 1.8V Smart Cards, ISO 7816 Class A, AB and C
<b>Power to Smart Card</b>	60 mA
<b>Smart Card detection</b>	Movement detection with auto power-off /Automatic detection of smart card type/ Short circuit and thermal protection
<b>8 Pin Handling</b>	C4 / C8 supported
<b>Proximity card interface frequency</b>	HID Prox 125 kHz
<b>Supported APIs</b>	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)
<b>PC/SC Driver Support</b>	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
<b>Status indicator</b>	Two LED (green=ready, red=busy)
<b>Color</b>	Dark Grey
<b>Options</b>	<b>Customer specific logo, label or color:</b> Available upon request <b>Jumbo Standing Base:</b> Available upon request
<b>Mounting (standard base)</b>	Includes adhesive attachment pad and vertical mounting option
<b>Reader Board</b>	Available as PCB
<b>Composition</b>	ABS
<b>Connector cable</b>	70.9" (180 cm)
<b>Durability</b>	100,000 insertions
<b>Meantime between failure (MTBF)</b>	500,000 hours
<b>Compliance / Certification</b>	Microsoft® WHQL <sup>3</sup> , EMV <sup>2</sup> 2000 Level 1, ISO 7816, HBCI <sup>4</sup> , USB 2.0 (USB 1.1 compatible), CCID <sup>1</sup> (contact interface only), GSA FIPS 201 approved product list
<b>Safety / Environmental</b>	CE, FCC, UL, RoHS, WEEE
<b>Warranty</b>	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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