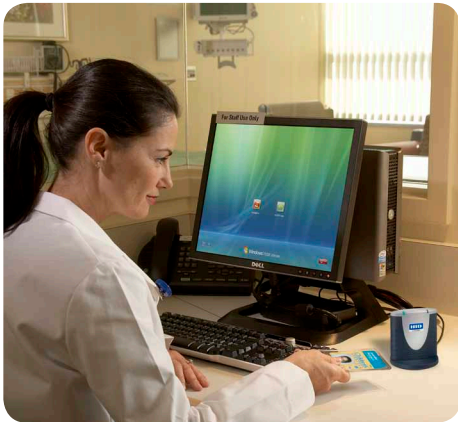


# OMNIKEY® 5127CK Reader



## CONTACTLESS READER WITH CCID AND KEYBOARD WEDGE INTERFACE

- **CCID Support** – Eliminates the requirement to install drivers on standard operating systems
- **Keyboard Wedge Support** – Retrieves data from a card and forwards the information directly to an application by emulating keyboard strokes
- **Rapid and Easy Integration** – Straightforward utilisation of existing Access control credentials for PC login
- **Dual Frequency** – Allows straightforward migration by simultaneously supporting low and high frequency credentials including HID Prox®, iCLASS®, MIFARE™ Classic and MIFARE™ DESFire™ EV1

HID Global's OMNIKEY 5127CK Reader functions in almost any PC environment. Independent of operating system and use case either CCID or Keyboard wedge provide the perfect solution without the need to install or maintain drivers. This eliminates complex software life-cycle management issues in the field and accelerates introduction of finished devices in the market.

With the keyboard wedge functionality, users of OMNIKEY 5127CK readers can retrieve data from a card that is presented to the reader and directly input the card data into an application using keystroke emulation. This eliminates the need for customers to manually enter the card data into an application. The OMNIKEY 5127CK reader offers the market proven OMNIKEY reader feature set, supporting low and high frequency technology within a

single device that enables credential migration projects to disburden the environment in mixed credential technology scenarios.

Key features of the OMNIKEY 5127CK reader include support for the most common low and high frequency card technologies, including iCLASS, MIFARE and HID Prox.

It also includes an integrated management tool that enables field updates to readers for new firmware or changing configuration settings.

For embedded applications the 5127CK is also available as a Reader Board and a Developer Tool Kit (DTK). The DTK provides the necessary tools, documentation and developer resources material to shorten integration cycles and speed time to market with finished products.

**FEATURES:**

**CCID Support**

- Native CCID implementation supporting WINDOWS<sup>®</sup>, LINUX<sup>®</sup> and MAC<sup>®</sup> operating systems

**Keyboard Wedge**

- Fully configurable and programmable keyboard wedge functionality featuring an integrated management console
- Flexible configuration of data structures and output modes

**Broad Credential Support**

- Dual frequency functionality allowing support for both low and high frequency credentials simultaneously
- iCLASS<sup>®</sup>, HID Prox<sup>®</sup>, MIFARE<sup>™</sup> Classic, MIFARE<sup>™</sup> DESFire EV1<sup>™</sup>

**Enhanced Lifecycle Management**

- Easy firmware updates and configuration setting by utilizing a Web interface and SNMP messages



**SPECIFICATIONS**

<b>Base Model Number</b>	OMNIKEY <sup>®</sup> 5127 CK, R51270002-1
<b>Dimensions</b>	3.02" x 2.99" x 1.1" (76 mm x 77 mm x 28 mm)
<b>Weight</b>	Approx. 3.88 oz (110 g)
<b>Power Supply</b>	Bus powered
<b>Operating Temperature</b>	32° - 122° F (0° - 50° C)
<b>Operating Humidity</b>	10 - 90% Relative Humidity
<b>Storage Temperature</b>	-4° - 149° F (-20° - 65° C)
<b>HOST INTERFACE</b>	
<b>Host Interface</b>	USB 2.0 (also compliant with USB 1.1)
<b>Transmission Speed</b>	12 Mbps (USB 2.0 full speed)
<b>CONTACTLESS SMART CARD INTERFACE</b>	
<b>Cards &amp; Protocols High Frequency</b>	MIFARE <sup>™</sup> Classic 1K / 4K, Ultra Light, Ultra Light C, Plus, MIFARE <sup>™</sup> DESFIRE <sup>™</sup> 0.6, MIFARE <sup>™</sup> DESFIRE <sup>™</sup> EV1, iCLASS <sup>™</sup> ISO 14443 A with up to 848 kbps transmission rate (depending on card <sup>1</sup> ), iCLASS <sup>™</sup> ISO 15693 with up to 26 kbps transmission rate (depending on card)
<b>Cards &amp; Protocols Low Frequency</b>	HID PROX <sup>®</sup>
<b>Supported APIs</b>	PC/SC (ready for 2.01, in CCID mode), Human Interface Device (in Keyboard Wedge Mode)
<b>Driver Support</b>	Compliant with native Human Interface Drivers (in Keyboard Wedge Mode) Compliant with native CCID drivers (in CCID mode) HID proprietary PC/SC drivers available for Windows <sup>®</sup> XP, Vista, 7, 2008, 2008 R2 (all 32 bit/64 bit), HID proprietary drivers available for Linux <sup>®</sup> operating systems (32/64bit): Debian 6.0, Fedora 15, OpenSUSE 11.4, Ubuntu 11.04, Mac <sup>®</sup> OSX 10.5/10.6/10.7
<b>Status Indicator</b>	Dual color LED (green=ready, red=busy) Buzzer (programmable)
<b>Connector Cable</b>	USB A connector
<b>Approvals / Environmental</b>	Compliant to ROHS/REACH, WEEE, IEC 60950-1, CE, FCC, IC (Canada)
<b>Warranty</b>	Two year manufacturer's warranty

<sup>1</sup>424 kbps default data rate, 848 kbps configurable through web interface

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