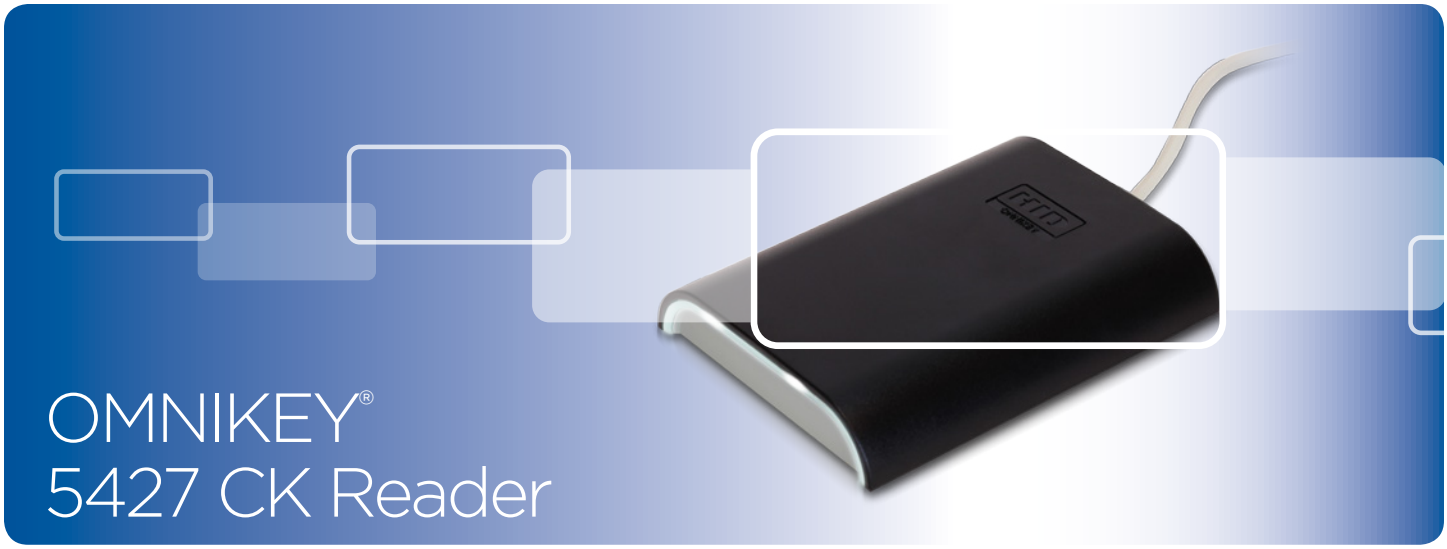
LOGICAL ACCESS SOLUTIONS



OMNIKEY® 5427 CK Reader

CONTACTLESS READER WITH CCID AND KEYBOARD WEDGE INTERFACE IN NEW OMNIKEY DESKTOP HOUSING

- **Security** – Enhanced system security supporting low and high frequency credentials including HID Prox® & Indala®, MIFARE® Classic, MIFARE DESFire® EV1, iCLASS®, iCLASS SE, iCLASS® Seos™, iCLASS® Elite, and other SIO-enabled credentials.
- **Ease of use** – Straightforward utilization of existing access control credentials for PC login in both CCID and Keyboard Wedge operation modes.
- **CCID support** – Eliminates the need to install drivers on standard operating systems.
- **Keyboard Wedge support** – Retrieves data from a card and presents the information directly to any application by emulating keyboard strokes.

HID Global's OMNIKEY® 5427CK Reader functions in virtually any PC environment. Independent of the operating system and use case, the reader's CCID or Keyboard Wedge interface provide the ideal solution without the need to install or maintain drivers. This removes complex software lifecycle management issues in the field and accelerates time to market.

With the keyboard wedge functionality, data from the card can be retrieved and transformed for direct input into applications using keystroke emulation. This eliminates the need for organizations to manually enter card data into applications. In addition to the standard CCID and Keyboard Wedge operation modes, the reader includes an integrated, easy-to-use web-based management tool that enables intuitive browser-based configuration without the need for special training. The reader supports two operational modes, this guarantees a long term investment by allowing the adaptation of CCID from keyboard wedge where there is a change to security requirements. The OMNIKEY® 5427CK supports low and high frequency technology within a single device that enables seamless credential migration and mixed technology environments. The reader includes support for a wide range of low and high frequency card technologies, including HID Prox®, Indala® and EM Prox®, MIFARE® Classic, MIFARE DESFire® EV1, and iCLASS®, as well as iCLASS SE®, iCLASS® Seos™, iCLASS® Elite, and other SIO-enabled credentials.

For embedded applications, the OMNIKEY 5427CK is also available as a reader board with an included Developer Tool Kit that provides all of the necessary tools and documentation to shorten integration cycles and to accelerate time to market with finished products.

NEW OMNIKEY DESKTOP FAMILY HOUSING:

- **Modern design and smaller form factor** – Small footprint and fit for professional environments
- **Card retainer** – For card-present operation mode where the card needs to stay on the reader
- **Optional vertical standing base** – For flexible positioning and support of single-hand operation
- **Optional mounting accessories** – Allows reader to be mounted in virtually any environment

For further information please visit the Developer Center: www.hidglobal.com/main/developers/omnikey-5127-ck/

FEATURES:

CCID Support

- Native CCID implementation supporting WINDOWS®, LINUX® and MAC® operating systems.

Keyboard Wedge

- Fully configurable and programmable keyboard wedge functionality featuring an integrated management console.
- Flexible configuration of data structures and output modes.
- Human Interface Device (HID) protocol allows reader configuration through host in keyboard Wedge mode
- Extended keyboard boot option for devices with limited USB device handling capabilities

Broad Credential Support

- Dual frequency functionality allowing support for both low and high frequency credentials simultaneously.
- HID Prox®, Indala® & EM Prox®, MIFARE® Classic, MIFARE DESFire® EV1, iCLASS®, iCLASS SE®, iCLASS® Seos™, iCLASS® Elite, and other SIO-enabled credentials.

Enhanced Lifecycle Management

- Easy firmware updates and configuration setting utilizing a Web interface,SNMP messages and configuration cards.
- Developer Tool Kit (DTK) available that contains product samples, development documentation, samples code and access to HID's developer portal.

KEYBOARD WEDGE FEATURES INCLUDE:

- configurable input & defineable output fields per output field
- Cascadeable free custom data fields
- Card-specific configurations
- Pre- / poststroke definitions and shortcuts
- Big / Little Endian Conversion
- HEX, BCD, BIN, DEC & ASCII output transformation
- Bitstream parsing of HIDs Physical Access Control
- Data filtering and padding of leading / trailing characters
- Reverse output incl. custom,CSN and PACS data objects

SPECIFICATIONS

Base Model Number	OMNIKEY® 5427CK	
Dimensions	2.79" x 3.66" x 0.63" (71 mm x 93 mm x 16 mm)	
Weight	Approx.3.53 oz (100g)	
Power Supply	Bus powered	
Operating Temperature	32°- 158° F (0° - 70° C)	
Operating Humidity	10 - 90% Relative Humidity	
Storage Temperature	-4° - 176° F (-20° to 80° C)	
International Protection Rating	IP54 (dust / splashing water) (in preparation)	
	HOST INTERFACE	
Host Interface	USB 2.0 (also compliant with USB 1.1)	
Transmission Speed	12 Mbps (USB 2.0 full speed)	
CONTACTLESS SMART CARD INTERFACE	**CCID**	**KEYBOARD WEDGE**
Cards / Protocols High Frequency	MIFARE ™ Classic 1K / 4K, Ultra Light, Ultra Light C, Plus, MIFARE ™ DESFIRE ™ 0.6, MIFARE ™ DESFIRE ™ EV1, iCLASS ®, iCLASS SE/SR, MIFARE SE, DESFire EV1 SE, T=CL, ISO 14443 A with up to 848 kbps transmission rate (depending on card1), ISO 15693 with up to 26 kbps transmission rate (depending on card)	MIFARE ™ Classic 1K / 4K, Ultra Light, Ultra Light C, Plus (Security Lvl 1) , MIFARE ™ DESFIRE ™ 0.6, MIFARE ™ DESFIRE ™ EV1 (MAC / DES/3DES / 3K3DES / AES), iCLASS®, iCLASS® SE/SR, MIFARE SE, DESFire EV1 SE
Cards / Protocols Low Frequency	HID PROX®, HID Indala® Prox, EM Prox®	
Supported APIs	PC/SC (ready for 2.01/ CCID mode)	Human Interface Device
PC / SC Driver Support	Compliant with native OS CCID drivers (in CCID mode). HID proprietary PC/SC drivers available for: Windows® XP / Vista / 7 (32 bit / 64 bit), 2003 Server, 2008 R2 Server, Linux® (32 / 64 bit, incl. Debian 6.0, Fedora 15, OpenSUSE 11.4 , Ubuntu 11.04) &Mac® OS X (10.5 Leopard and higher, Intel 32 / 64 bit)	Compliant with native Human Interface Drivers
Status Indicator	Dual color LED (white=ready, blue=busy) Buzzer (programmable)	
Color	Cover Black / Body light grey	
Accessories (included)	Removable Card Holder for card-present operation	
Optional Accessories	Mouting Jacket Accessory (For screw on mounting, camera mounting screw use and adhesive strip) Vertical Standing Base	
Connector Cable / Length	USB Type A Connector / 78.7" (200 cm)	
Customization Options	Customer-specific logo / housing color (available upon request)	
Composition	PC	
Meantime Between Failure(MTBF)	500,000 hours	
Compliance / Certification	Microsoft® WHQ[2]	
Approvals / Environmental	Compliant RoHS (REACH), WEEE, UL, CE, FCC, ICES (Canada)	
Warranty	Two-year manufacturer's warranty. (For drivers, see complete lifetime support policy.)	

1 = 424 kbps default data rate, 848 kbps configurable through web interface
2 = Windows® Hardware Quality Lab

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2013-03-22-omnikey-5427-ck-reader-ds-en

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