

### HF | NFC - Desktop Reader **HID - OMNIKEY® 5027**

- Supports ISO 14443 A/B & ISO 15693
- Compatible with iCLASS®, Seos®, MIFARE® & DESFire®
- Native HID driver, no installation required
- Preconfigured for common credentials out of the box
- Compact design with optional color & mounting kits



### HF | NFC - Desktop Reader Fast, Driverless Data Input

HID Global's OMNIKEY® 5027 is designed for customers who want to utilize their existing access control badge for strong authentication to computer, network or cloud applications beyond physical access control.

Typical environments for this reader include enterprise, healthcare, pharmaceutical, financial services, government, and other agencies seeking an easy integration with higher security and access management. The new reader supports 13.56 MHz credentials such as iCLASS®, DESFire® or MIFARE® and has an integrated cryptographic module supporting credentials with enhanced system security such as iCLASS Seos®, iCLASS SE®, iCLASS Elite®. Due to its keyboard wedge functionality the reader can be easily integrated.

Data from the card can be retrieved and transformed for direct input into applications using keystroke emulation and therefore eliminates the need for organizations to manually enter card data into applications. The reader uses the native Human Interface driver from operating system and eliminates the requirement for driver installation and is suitable to be used with standard PC or workstations, as well as with thin- and zero clients. The reader comes preconfigured and can be used out of the box for the most common cards and use cases. System Integrators appreciate the easy configuration and the numerous options using the Workbench Tool. The options include type of credential used, extracting CSN or different PACS data fields, pre and post strokes. Any custom configuration can be easily multiplied using a configuration card or file in the Workbench Tool.

### Common Applications

- Enterprise & Corporate Access
- Government & Public Sector Security
- Financial Services Authentication
- Workstation & Application Logon
- Thin-Client & Zero-Client Environments



## TECHNICAL SPECIFICATIONS

### Contactless Smart Card Interface

Protocols	HID iCLASS®, iCLASS Elite, iCLASS Seos ISO 14443A/B, T=CL, MIFARE® Classic, Ultralight, DESFire 0.6, EV1, EV2, ISO 15693 eg. Tag-It, MY-D, iCODE NFC Tag 1,2,3,4*,5
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### Output Capabilities

Card Serial Number CSN (UID)	Raw and Formatted
Physical Access Data (eg. Building ID)	Raw and Formatted
Number of Output Fields	Up to three output values configurable
Usage Indicator	LED and/or Buzzer activation

### Host Interface

USB Interface	USB 2.0 Full Speed Device (12 MBps) USB 3.0 extended operability, tested with hubs/ controllers
Connector / Cable	USB Type A connector; 150 cm cable
Operating Systems (Keyboard Wedge Mode)	Windows 11/10/8.1/8/7/Vista/Server 2012/Server 2008R2, Windows CE (6/7) depending on hardware, Linux Debian 6.0+ / Ubuntu 11.04+/ Fedora 15+; Open SUSE 11.4+ Mac OS X; Android™ 4.0
Driver	Native keyboard (Human Interface Device) driver from operating system
Configuration Options	OMNIKEY Workbench Tool on MS Windows Configuration API / Remote Management Configuration cards

### Human Interface

Status Indicator	White LED and Buzzer
Output Speed	less than 300ms from card presentation to output start

### Housing

Housing	Poly Carbonate Body Light Grey / Blue Colored Cover Plate Customer-specific logo or color on request
Dimensions	59 x 59 x 11,4 mm
Weight	~71 g

### Operating Conditions

Operating Temperature	0-70°C
Operating Humidity	10-95% rH (not condensing)
Storage Temperature	-40 - 80°C
Meantime Between Failure	500.000 hours

### Compliance Regulatory

Compliance / Certification	USB 2.0, (USB3.0 tested), TAA+B15
Regional certifications	CE, UKCA, FCC, UL, RCM, ICES (Canada)
Environmental	WEEE, RoHS3, Reach

### Part No. / Model

	HID - OMNIKEY® 5027
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