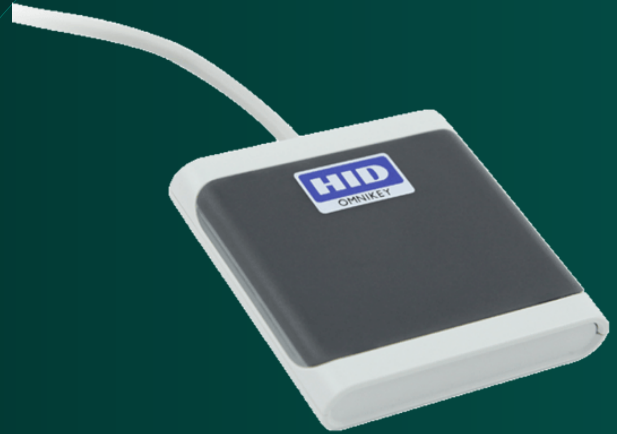


### HF | NFC - Desktop Reader **HID - OMNIKEY® 5027**

- 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<br>ISO 14443A/B, T=CL, MIFARE® Classic, Ultralight,<br>DESFire 0.6, EV1, EV2, ISO 15693 eg. Tag-It, MY-D,<br>iCODE NFC Tag 1,2,3,4*,5 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Output Capabilities

|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| Card Serial Number CSN (UID)              | Raw and Formatted                      |
| Physical Access Data<br>(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)<br>USB 3.0 extended operability, tested with hubs/<br>controllers                                                                                            |
| Connector / Cable                          | USB Type A connector; 150 cm cable                                                                                                                                                               |
| Operating Systems<br>(Keyboard Wedge Mode) | Windows 11/10/8.1/8/7/Vista/Server 2012/Server<br>2008R2, Windows CE (6/7) depending on<br>hardware, Linux Debian 6.0+ / Ubuntu 11.04+/<br>Fedora 15+; Open SUSE 11.4+<br>Mac OS X; Android™ 4.0 |
| Driver                                     | Native keyboard (Human Interface Device) driver<br>from operating system                                                                                                                         |
| Configuration Options                      | OMNIKEY Workbench Tool on MS Windows<br>Configuration API / Remote Management<br>Configuration cards                                                                                             |

### Human Interface

|                  |                                                           |
|------------------|-----------------------------------------------------------|
| Status Indicator | White LED and Buzzer                                      |
| Output Speed     | less than 300ms from card presentation to<br>output start |

### Housing

|            |                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------|
| Housing    | Poly Carbonate<br>Body Light Grey / Blue Colored Cover Plate<br>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 |
|--|---------------------|