



## OMNIKEY® 5027 USB Reader



### HIGH FREQUENCY CONTACTLESS READER WITH KEYBOARD WEDGE

- **Easy to Integrate** - Straightforward utilization of existing access control credentials based on keyboard wedge
- **Supports high frequency credentials** - including iCLASS Seos®, iCLASS SE®, MIFARE Classic® and MIFARE® DESFire® EV1 as well as NFC
- **Preconfigured** - by default configured for an easy output of most common credentials
- **Ease of Configuration** - by using Workbench Tool, configuration file or cards

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.

#### OPTIONAL ACCESSORIES

- **Color kit (with six different colors)**
- **Mounting kit including a mounting plate, screw and glue options**
- **Card holder for card presence requirements**

**PRODUCT FEATURES:**

- Uses native Human Interface Device driver from operating system – no additional driver installation required.
- For traditional clients as well as thin- and zero client products and solutions.
- Supports Windows, Linux, MacOS and Android.
- Small and sleek footprint with optional mounting accessories.
- Global certifications for worldwide usage.

**SUPPORTS BROAD RANGE OF CREDENTIALS**

- ISO 14443 A/B
- ISO 15693
- HID iCLASS®, iCLASS Elite, iCLASS Seos
- MIFARE® Classic / Ultralight / Ultralight C / Plus
- MIFARE DESFire® / DESFire EV1
- NFC Tags 1-5

**SPECIFICATIONS**

|  |   |
|--|---|
| <b>Base Model Number</b>                       | OMNIKEY 5027  |
|  | <b>CONTACTLESS SMART CARD INTERFACE</b>   |
| <b>Protocols</b>                               | HID iCLASS®, iCLASS Elite, iCLASS Seos<br>ISO 14443A/B, T=CL<br>MIFARE® Classic, Ultralight, DESFire 0.6, EV1, EV2<br>ISO 15693 eg. Tag-It, MY-D, iCODE<br>NFC Tag 1,2,3,4*,5 |
|  | <b>OUTPUT CAPABILITIES</b>  |
| <b>Card Serial Number CSN (UID)</b>            | Raw and Formatted   |
| <b>Physical Access Data (eg. Building ID)</b>  | Raw and Formatted   |
| <b>Number of Output Fields</b>                 | Up to three output values configurable  |
| <b>Usage Indicator</b>                         | LED and/or Buzzer activation  |
|  | <b>HOST INTERFACE</b>   |
| <b>USB Interface</b>                           | USB 2.0 Full Speed Device (12 Mbps)<br>USB 3.0 extended operability, tested with hubs/controllers   |
| <b>Connector / Cable</b>                       | USB Type A connector; 59.1" (150 cm) cable  |
| <b>Operating Systems (Keyboard Wedge Mode)</b> | Windows 10/8.1/8/7/Server 2016/Server 2012/Server 2008R2<br>Linux Debian 6.0+ / Ubuntu 11.04+/ Fedora 15+; Open SUSE 11.4+<br>Mac OS X; Android™ 4.x-8.x                      |
| <b>Driver</b>                                  | Native keyboard (Human Interface Device) driver from operating system   |
| <b>Configuration Options</b>                   | OMNIKEY Workbench Tool on MS Windows<br>Configuration API / Remote Management<br>Configuration cards  |
|  | <b>HUMAN INTERFACE</b>  |
| <b>Status indicator</b>                        | White LED and Buzzer  |
| <b>Output Speed</b>                            | less than 300ms from card presentation to output start  |
|  | <b>HOUSING</b>  |
| <b>Housing</b>                                 | Poly Carbonate<br>Body Light Grey / Blue Colored Cover Plate<br>Customer-specific logo or color on request  |
| <b>Dimensions</b>                              | 2.32" x 2.32" x 0.44" (59 x 59 x 11,4 mm)   |
| <b>Weight</b>                                  | -71 g (2.5 oz)  |
|  | <b>OPERATING CONDITIONS</b>   |
| <b>Operating Temperature</b>                   | 32-158 F (0-70°C)   |
| <b>Operating Humidity</b>                      | 10-95% rH (not condensing)  |
| <b>Storage Temperature</b>                     | -40 - 176 F (-40 - 80°C)  |
| <b>Meantime Between Failure (MTBF)</b>         | 500.000 hours   |
|  | <b>COMPLIANCE AND REGULATORY</b>  |
| <b>Compliance / Certification</b>              | USB 2.0, (USB3.0 tested), TAA+B15   |
| <b>Regional Certifications</b>                 | CE, FCC, UL, RCM, ICES (Canada)   |
| <b>Environmental</b>                           | WEEE, RoHS3, Reach  |
|  | <b>ORDERING INFORMATION</b>   |
| <b>Warranty</b>                                | Two-year manufacturer warranty  |
| <b>Optional</b>                                | Mounting accessories kit  |

\* except Topaz


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