



## OMNIKEY<sup>®</sup> 3021 USB Reader



### PORTABLE SMART CARD READER

- **Easy to install** - Eliminates the need to install drivers; uses native supported CCID drivers within the operating system.
- **Readily Compliant** - Meets all relevant industry standards for smooth integration in PC environment
- **Portable Form Factor** - Unique size makes it an ideal reader for large-scale deployments and mass distribution
- **Suits Any Application** - Compatible with virtually any smart card and major PC operating system

The OMNIKEY<sup>®</sup> 3021 is a high-performance, USB smart card reader that features all the trusted performance of OMNIKEY readers in a new and smaller form factor. Compliant with all industry standards, this reader is compatible with virtually any contact smart card, operating system and a variety of applications. This handy USB reader is the ideal choice for

large-scale deployments with any type of contact smart card or application software. The 3021 can be easily distributed together with any smart card, including credit cards, e-ID cards or software for other applications.

### FEATURES:

- Meets major standards, including ISO 7816, EMVCo Terminal 1, USB CCID, PC / SC and HBCI (Home Banking Computer Interface)
- Usage within an application is based on standardized interfaces like PC / SC
- USB CCID support makes integration into an existing system the easiest ever by connecting host and smart card reader without the need for additional drivers
- Attractive, small size fits in an envelope to distribute with smart card, credit card, e-ID card or software for online banking or digital signature applications
- All major operating systems supported
- Meets GSA FIPS 201 requirements
- Supports high-speed data transmission
- UPC barcode for easier logistics



### SPECIFICATIONS

<b>Base Model Number</b>	OMNIKEY® 3021
	<b>SMART CARD INTERFACE</b>
<b>Card Size</b>	ID-1 (Full size)
<b>Standards</b>	ISO 7816
<b>Supported Card Types</b>	Class A: 5V @ 60 mA; Class B: 3 V @ 60 mA; Class C: 1.8V @ 35 mA ATR response time up to 1.6 s
<b>Protocols</b>	Asynchronous: T=0; T=1 Synchronous: S=8 (I <sup>2</sup> C); S=9 (3-wire); S=10 (2-wire)
<b>Insertion Cycles</b>	100,000
<b>Smart Card Interface Speed</b>	420 kbps
<b>Smart Card Clock Frequency</b>	up to 12 MHz
<b>Smart Card detection</b>	Movement detection with auto power-off; Automatic detection of smart card type; Short circuit and thermal protection
<b>8-Pin Handling</b>	C4 / C8 supported
	<b>HOST INTERFACE</b>
<b>USB Interface</b>	USB 2.0 Full Speed Device (12 MBps) 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</b>	Windows 10/8.1/8/7/Vista/Server 2012/Server 2008R2 Windows CE (5/6/7) depending on hardware Linux Debian 6.0+ / Ubuntu 11.04+/ Fedora 15+; Open SUSE 11.4+ Mac OS X; Android™
<b>Driver</b>	CCID native driver from operating system
<b>Supported APIs</b>	PC/SC - API
	<b>HUMAN INTERFACE</b>
<b>Status indicator</b>	Blue LED
	<b>HOUSING</b>
<b>Housing</b>	Transparent / grey polycarbonate
<b>Dimensions</b>	2.91" x 2.52" x 0.51" (74 x 64 x 13 mm)
<b>Weight</b>	1.69 oz (48g)
	<b>OPERATING CONDITIONS</b>
<b>Operating Temperature</b>	32-131 F (0-55°C)
<b>Operating Humidity</b>	10-90% rH
<b>Storage Temperature</b>	-4 - 176 F (-20 - 80°C)
<b>Meantime Between Failure (MTBF)</b>	500,000 hours
	<b>COMPLIANCE AND REGULATORY</b>
<b>Compliance / Certification</b>	EMVCo Terminal Level 1 USB 2.0; TAA; GSA Fips 201 approved list
<b>Regional certifications</b>	CE, FCC, UL, VCCI, KCC, MIC, RCM (C-Tick)
<b>Environmental</b>	WEEE, RoHS, Reach
	<b>OPERATING CONDITIONS</b>
<b>Warranty</b>	Two-year manufacturer's warranty



hidglobal.com

North America: +1 512 776 9000  
Toll Free: 1 800 237 7769  
Europe, Middle East, Africa: +44 1440 714 850  
Asia Pacific: +852 3160 9800  
Latin America: +52 55 5081 1650

© 2017 HID Global Corporation/ASSA ABLOY AB. All rights reserved. HID, HID Global, the HID Blue Brick logo, the Chain Design, and OMNIKEY are trademarks or registered trademarks of HID Global in the U.S. and/or other countries. All other trademarks, service marks and product or service names are trademarks or registered trademarks of their respective owners.

2017-05-10-omnikey-3021-usb-reader-ds-en PLT-00308

An ASSA ABLOY Group brand

ASSA ABLOY