OMNIKEY® Desktop Reader

ITG
Part of HID Global **HID**

O.K OMNIKEY

OMNIKEY® 3021 USB

ASSA ABLOY Identification Technologies (ITG), with its product brand OMNIKEY® one of the world's leading manufacturers of innovative smart card readers, offers with the OMNIKEY® 3021 USB a high-performance smart card reader in a small form factor for desktop as well as mobile usage. The OMNIKEY® 3021 is an easy-to-install USB device suited for all contact smart card operations like online-banking or digital signature applications.

Main features:

- **Elegant design**
- **Small form factor fit for letter shop**
- **All major operating systems supported**
- **High speed data transmission**

Host Interface	
Host interface	USB 2.0 CCID[1] (also compliant with USB 1.1)
Transmission speed	12 Mbps (USB 2.0 full speed)
Power supply	Bus Powered
Smart Card Interface	
Standards	ISO 7816 & EMV[2] 2000 Level 1
Protocols	T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), I^2C (S=8)
Card size	ID-1 (full size)
Smart Card interface speed	420 Kbps (when supported by card)
Smart Card clock frequency	Up to 8 MHz
Supported card types	5V, 3V and 1.8V Smart Cards ISO 7816 Class A, AB and C
Power to Smart Card	60 mA
Smart Card detection	Movement detection with auto power-off / Automatic Detection of smart card type / Short circuit and thermal protection
8 Pin handling	C4 / C8 supported
Other Features	
Status indicator	Blue LED
Options	
Customer specific logo or label	On request
Customer specific colors	On request

Supported APIs	
PC/SC driver (ready for 2.01)	
CT-API (on top of PC/SC)	
Synchronous-API (on top of PC/SC)	
OCF (on top of PC/SC)	
PC/SC Driver Support	
Windows® 98 / ME, 2000 / XP (32bit), 2003 Server	
Windows® CE 5.0 / CE.NET (depending on hardware)	
Windows® XP 64bit (AMD64, EM64T, IA64)	
Windows® Vista (32bit / 64bit)	
Linux®	
Mac® OS X (PowerPC / Intel)	
Embedded Technology	
OMNIKEY® Smart@Link Chipset	
Hardware Specifications	
Color	Transparent/Silver
Dimensions (LxWxH)	74 x 64 x 13mm 2.91" x 2.52" x 0.51"
Weight	48 gr / 1.69 ounces
Operating temperature	0°-55°C / 32-131°F
Operating humidity	10-90% rH
Composition	Poly carbonate
Connector cable	150cm / 59.1"
Durability	100.000 insertions
Meantime between failure (MTBF)	500.000 hours

Compliance / Certification	Safety / Environmental
Microsoft® WHQL[3]	CE
EMV² 2000 Level 1	WEEE
ISO 7816	FCC
HBCI[4]	UL
USB 2.0 (USB 1.1 compatible)	VCCI
CCID	MIC
GSA Fips201 approved product list	RoHS

1 = Chip Card Interface Device 2 = Europay® MasterCard® Visa® 3 = Windows® Hardware Quality Lab 4 = Homebanking Computer Interface

An ASSA ABLOY Group brand