

OMNIKEY® 302I USB Reader

Portable Smart Card Reader

- ▶ **Plug and Play** - Designed to facilitate easy device installation with high quality drivers* for all major PC operating systems
- ▶ **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 systems



ACCESS quality.

The OMNIKEY® 302I 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 302I can be easily distributed together with any smart card, including credit cards, e-ID cards or software for other applications.

- ▶ Meets major standards including ISO 7816, EMV 2000, Microsoft WHQL, USB CCID, PC/SC, HBCI (Home Banking Computer Interface) and PC-2001 Specification
- ▶ Usage within an application is based on standardized interfaces like PC/SC, OCF (Open Card Framework) or CT-API
- ▶ USB CCID support makes integration into an existing system the easiest ever, by connecting host and smart card reader without the need of 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

* For driver download, please visit www.omnikey.com.

Specifications

Base Model Number	OMNIKEY [®] 3021
Dimensions	2.91" x 2.52" x 0.51" / 74 x 64 x 13mm
Weight	1.69 oz / 48 g
Power supply	Bus powered
Operating temperature	32°-131° F (0° - 55° C)
Operating humidity	10-90% rH
HOST INTERFACE	
Host Interface	USB 2.0 CCID ¹ (also compliant with USB 1.1)
Transmission speed	12 Mbps (USB 2.0 full speed)
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 ² C (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, B 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
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
Status indicator	Blue LED
Color	Transparent/Silver
Options	Customer Specific Logo, Label and Colors: Available upon request
Composition	Poly carbonate
Connector cable	59.1" / 150 cm
Durability	100,000 insertions
Meantime between failure (MTBF)	500,000 hours
Compliance / Certification	Microsoft [®] WHQL ³ , EMV ² 2000 Level 1, ISO 7816, HBCI ⁴ , USB 2.0 (USB 1.1 compatible), CCID1, GSA FIPS201 approved product list
Safety / Environmental	CE, WEEE, FCC, UL, VCCI, MIC, RoHS
Warranty	Two year manufacturer's warranty. (For drivers, see complete lifetime support policy.)

1 = Chip Card Interface Device, 2 = Europay[®] MasterCard[®] Visa[®], 3 = Windows[®] Hardware Quality Lab, 4 = Home Banking Computer Interface



ACCESS experience.



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