OMNIKEY® 3111 Serial Desktop Reader

Serial Desktop 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

◗ **Convenient and Reliable** - Multiple base options, robust housing, connect via serial interface

◗ **Suits Any Application** - Compatible with virtually any smart card and major PC operating systems

ACCESS quality.

The OMNIKEY® 3111 is a high-performance, serial interface smart card reader for desktop use that features multiple base mounting options and a robust housing. Compliant with all industry standards, this reader is compatible with virtually any contact smart card, operating system and a variety of applications. The OMNIKEY® 3111 is easy-to-install and well-suited for all contact smart card operations, including single sign-on, online-banking or digital signature applications.

◗ Meets major standards including ISO 7816, EMV 2000, Microsoft WHQL 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
◗ Interchangeable standing base options available for both vertical and horizontal configurations and includes adhesive attachment that easily mounts to any PC monitor
◗ All major operating systems supported
◗ Supports high speed data transmission

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

Base Model Number	OMNIKEY® 3111
Dimensions	3.15" x 2.64" x 1.1" / 80 x 67 x 28 mm
Mounting options with standard standing base	Includes adhesive attachment pad and vertical mounting option
Weight	**Reader only:** approx. 3.88 oz (110 g) **Reader with standard standing base**: approx. 4.97 oz (141 g)
Base Options	**Heavy standing base (vertical and horizontal card insertion):** available on request (approx. 3.46 oz / 98 g) **Jumbo standing base (vertical andhorizontal card insertion):** available on request (approx. 15.34 oz / 435g)
Power supply	PS/2 Keyboard adapter
Operating temperature	32°-131° F (0° - 55° C)
Operating humidity	10-90% rH
HOST INTERFACE	
Host Interface	Serial RS232 COM port
Transmission speed	115 Kbps
SMART CARD INTERFACE	
Standards	ISO 7816 & EMV² 2000 Level 1
Protocols	T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), I²C (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® NT 4, Windows® CE 5.0 / CE.NET (depending on hardware), Windows® XP 64bit (AMD64, EM64T), Windows® Vista (32bit / 64bit) Linux®
Embedded Technology	OMNIKEY® Smart@Link Chipset
Status indicator	Dual color LED
Reader Board	Also available as PCB
Color	Two-tone gray
Options	**Customer Specific Logo, Label and Colors:** Available upon request
Composition	ABS
Connector cable	70.9" (180 cm)
Durability	100,000 insertions
Meantime between failure (MTBF)	500,000 hours
Compliance / Certification	Microsoft® WHQL³, EMV² 2000 Level 1, ISO 7816, HBCI⁴
Safety / Environmental	CE, WEEE, FCC, UL, 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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