



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 mounting options, robust housing, connect via serial interface
- **Suits Any Application** – Compatible with virtually any smart card and major PC operating system

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.

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

FEATURES:

- 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
- All major operating systems supported
- Supports high-speed data transmission
- Interchangeable standing base options available for both vertical and horizontal configurations, including an adhesive attachment that easily mounts to any PC monitor



SPECIFICATIONS

| | |
|---|---|
| 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 and horizontal card insertion): available on request (approx. 15.34 oz / 435 g) |
| 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 & 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 (32 bit), 2003 Server, Windows [®] NT 4, Windows [®] CE 5.0 / CE.NET (depending on hardware), Windows [®] XP (64 bit) AMD64, EM64T, Windows [®] Vista (32 bit / 64 bit), 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 [®] WHQL ³ , EMV ² 2000 Level 1, ISO 7816, HBCI ⁴ |
| Safety / Environmental | CE, WEEE, FCC, UL, RoHS |
| Warranty | Two-year manufacturer's warranty. (For drivers, see complete lifetime support policy.) |

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

North America: +1 949 732 2000
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

ASSA ABLOY

An ASSA ABLOY Group brand