OMNIKEY® 3121 USB Desktop Reader

USB 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
- Convenient and Reliable Multiple base options, robust housing, long USB cable
- Suits Any Application Compatible with virtually any smart card and major PC operating systems



ACCESS quality.

The OMNIKEY® 3121 is a high-performance, USB 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 3121 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, 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
- Interchangeable standing base options available for both vertical and horizontal configurations and includes adhesive attachment that easily mounts to any PC monitor
- 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
- All major operating systems supported
- Meets GSA FIPS 201 requirements
- Supports high speed data transmission

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^{*} For driver download, please visit www.omnikey.com.

Specifications

| Base Model Number | OMNIKEY® 3121 |
|---|---|
| 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 / 435g) |
| 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 | I 2 Mbps (USB 2.0 full speed) |
| | SMART CARD INTERFACE |
| Standards | ISO 7816 & EMV ² 2000 Level I |
| Protocols | T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), 1 ² C (S=8) |
| Card size | ID-I (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® 2000 / XP (32bit), 2003 Server, 2008 Server, Windows® CE 5.0 / CE.NET / CE 6.0 (depending on hardware), Windows® XP 64bit, Windows® Vista (32bit / 64bit), Windows 7 (32bit / 64bit), Linux®, Mac® OS X (Power PC/Intel) |
| 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 I, ISO 7816, HBCl⁴, USB 2.0 (USB 1.1 compatible), CClD¹, GSA FIPS 201 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.) |
| | I = Chip Card Interface Device, 2 = Europay® MasterCard® Visa®, 3 = Windows® Hardware Quality Lab , 4 = Home Banking Computer Interface |
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ACCESS experience.

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About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of •] ^& \hat{a} \hat{a}

We Owe Our Success To You

Why Choose BarcodesInc?

Dedicated Account A UbU[Yf

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same & È

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service & æ È

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

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