HID®

OMNIKEY® 6121
Mobile USB Reader

MOBILE USB READER

- **Plug-and-Play** – Designed to facilitate easy device installation with high-quality drivers* for all major PC operating systems
- **Readily Compliant** – Hotplug drivers available and full CCID compliant for smooth integration in PC environment
- **Convenient and Reliable** – Elegant design and keychain loop
- **Suits Any Application** – Compatible with virtually any smart card and major PC operating system

The portable OMNIKEY® 6121 is designed for SIM-sized smart cards. Carry the reader with your credentials in your pocket or on your key ring and plug it into your PC via the USB port to access your sensitive data. The reader is based on the same technology and drivers as the OMNIKEY® desktop product family and is therefore just as easy to integrate into your application.

The OMNIKEY® 6121 is designed to meet all major standards like ISO 7816, Microsoft® WHQL, USB CCID, PC / SC, HBCI (Home Banking Computer Interface), the PC-2001 specification and many more.

Usage within an application is based on standardized interfaces like PC / SC, OCF (Open Card Framework) or CT-API. The USB CCID support makes integration into an existing system simple by connecting host and smart card reader without needing additional drivers.

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

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FEATURES:

- Meets major standards, including ISO 7816, Microsoft® WHQL, USB CCID, PC / SC, HBCI (Home Banking Computer Interface), and PC-2001 Specification
- All major operating systems supported
- Supports high-speed data transmission
- Hotplug driver available

SPECIFICATIONS

Base Model Number	OMNIKEY® 6121
Dimensions	2.91" x 0.83" x 0.4" (74 x 21 x 10 mm)
Weight	0.35 oz (10 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
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-000 (SIM-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
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 XP / Vista / 7 (32 bit / 64 bit), 2003 Server, 2008 Server, Windows® CE 5.0 / CE.NET / CE 6.0 (depending on hardware), Linux®, Mac® OS X
Embedded Technology	OMNIKEY® Smart@Link Chipset
Status Indicator	Orange LED
Color	Gray-blue
Options	Customer-specific logo, label and colors: available upon request
Composition	Polycarbonate
Durability	30,000 insertions
Meantime Between Failure (MTBF)	500,000 hours
Compliance / Certification	Microsoft® WHQL[3], ISO 7816, HBCI[4], USB 2.0 (USB 1.1 compatible), CCID[1],
Safety / Environmental	CE. FCC, UL, VCCI, KCC, RoHS, WEEE
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

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