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.

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

SPECIFICATIONS

Base Model Number	OMNIKEY® 6121
	SMART CARD INTERFACE
Card Size	ID-000 (SIM size)
Standards	ISO 7816
Supported Card Types	Class A: 5V @ 60 mA; Class B: 3 V @ 60 mA; Class C: 1.8V @35 mA
Protocols	Asynchronous: T=0; T=1 Synchronous: S=8 (I²C) ; S=9 (3-wire); S=10 (2-wire)
Insertion Cycles	30,000
Smart Card Interface Speed	420 kbps
Smart Card Clock Frequency	8 MHz* / up to 12 MHz**
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
	HOST INTERFACE
USB Interface	USB 2.0 Full Speed Device (12 MBps) USB 3.0 extended operability, tested with hubs/controllers**
Operating Systems	Windows 10**/8.1/8/7/Vista/Server 2012**/Server 2008R2 Windows CE (5*/6/7) depending on hardware Linux Debian 6.0+ / Ubuntu 11.04+/ Fedora 15+; Open SUSE 11.4+ Mac OS X; AndroidTM*
Driver	CCID native driver from operating system HID proprietary driver*
Supported APIs	PC/SC - API, CT-API* (on top of PC/SC)
	HUMAN INTERFACE
Status indicator	Orange LED
	HOUSING
Housing	Grey blue polycarbonate
Dimensions	2.91"" x 0.83" x 0.4" (74 x 21 x 10 mm)
Weight	0.35 oz (10g)
	OPERATING CONDITIONS
Operating Temperature	32-131 F (0-55°C)
Operating Humidity	10-90% rH
Storage Temperature	-4 - 176 F (-20 - 80°C)
Meantime Between Failure (MTBF)	500.000 hours
	COMPLIANCE AND REGULATORY
Compliance / Certification	Microsoft WHQL*; USB 2.0
Regional certifications	CE, FCC, UL, VCCI, KCC**, MIC, RCM (C-Tick)
Environmental	WEEE, RoHS, Reach
	OPERATING CONDITIONS
Storage Temperature	Two-year manufacturer`s warranty

X-Chip only (all part numbers with Rxxxxx0xxx; Rxxxxx1xxx; Rxxxxx2xxx)
*** Aviator only (all partnumbers with Rxxxxx3xxx)*

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