OMNIKEY® 6121 Mobile USB Reader

Mobile USB Reader

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, USB CCID, PC / SC, HBCI (Home Banking Computer Interface) and many more.

Usage within an application is based on standardized interfaces like PC / SC. The USB CCID support makes integration into an existing system simple by connecting host and smart card reader without needing additional drivers.

FEATURES:

- Meets major standards, including ISO 7816, USB CCID, PC / SC and HBCI (Home Banking Computer Interface)
- All major operating systems supported
- Supports high-speed data transmission
- UPC barcode for easier logistics
- USB CCID support makes integration into an existing system the easiest ever by connecting host and smart card reader without the need for additional drivers

KEY BENEFITS

- **Easy to install –** Eliminates the need to install drivers; uses native supported CCID drivers within the operating system.
- **Convenient and Reliable –** Elegant design and keychain loop
- **Suits Any Application –** Compatible with virtually any smart card and major PC operating system

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SMART CARD INTERFACE	
Based Model Number	OMNIKEY® 6121
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 ATR response time up to 1.6 s
Protocols	Asynchronous: T=0; T=1 Synchronous: S=8 (I²C) ; S=9 (3-wire); S=10 (2-wire)
Insertion Cycles	30,000
Smart Card Clock Frequency	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 11/10/8.1/8/7/Vista/Server 2012/Server 2008R2 Windows CE (6/7) depending on hardware Linux Debian 6.0+ / Ubuntu 11.04+/ Fedora 15+; Open SUSE 11.4+ Mac OS X; Android™
Driver	CCID native driver from operating system
Supported APIs	PC/SC - API
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	USB 2.0
Regional certifications	CE, UKCA, FCC, UL, VCCI, KCC, MIC, RCM (C-Tick)
Environmental	WEEE, RoHS, Reach
OPERATING CONDITIONS	
Warranty	Two-year manufacturer`s warranty