

CardMan® 3621 USB

OMNIKEY, the world leading manufacturer of innovative smart card readers, offers with the CardMan® 3621 a high-performance PIN pad reader for desktop usage. The CardMan® 3621 is an easy-to-install USB device particularly suited for online-banking or digital signature applications.



High-Speed

Based on revolutionary chip technology, jointly developed with Atmel, the class 2 PIN pad device CardMan® 3621 supports reader-to-card data transmission rates of up to 420 KBits per second, exceeding the performance of other smart card readers.

Standards

Because the CardMan® 3621 complies with all relevant industry standards (ISO 7816, EMV [Europay, Mastercard, Visa] 2000, Microsoft® WHQL, USB CCID, PC/SC, HBCI [Home Banking Computer Interface, the PC-2001 Specification and many more] it is open for any smart card on any computer for any application.

Security-Features

The CardMan® 3621 allows for Secured PIN Entry (SPE) with its 16 keys integrated keypad. The content on the smart card is protected by a PIN (Personal Identification Number) to prevent unauthorized copying or use of the information stored on the card. The sensible data is neither stored on the PC nor communicated via insecure PC/reader connection but remains only on the card.

Applications

Applications for the new desktop PIN pad reader include digital signature, secure online banking and other online transactions, loyalty programs, healthcare solutions and many more future applications.

The usage within an application is based on standardized interfaces like PC/SC, OCF (Open Card Framework) or CT-API.



CardMan® 3621 Technical Specifications

CardMan® 3621

Host Interface

USB 2.0 CCID (also compliant with USB 1.1)	✓
Transmission speed	12 Mbps
Power supply	Bus powered

Smart Card Interface

Compliant with ISO 7816 and EMV 2000	✓
Supports T=0, T=1	✓
2-wire: SLE 4432/42 (S=10), 3-wire: SLE4418/28 (S=9),	✓
Supports I ² C (S=8)	✓
Supports SLE 4404	✓
Card Size	ID -1 (full size)
High performance smart card interface (up to 420 Kbps when supported by card)	✓
Smart card clock frequency up to 8 MHz	✓
Supports 5V, 3V and 1.8V smart cards	✓
Supplies 60 mA current to power the smart card	✓
Smart card movement detection with auto power-off	✓
Automatic detection of smart card type	✓
Short circuit and thermal protection	✓

Other Features

Status indicator: Two LED (operation/secure mode)	✓
------------------------------------------------------	---

Options

Customer specific logo or label	✓
Customer specific colors	✓

Compliance

Microsoft® WHQL certified	✓
EMV 2000 Level 1 certified	✓
ISO 7816	✓
HBCI	✓
USB 2.0 (1.1 compatible)	✓

API

PC/SC driver	✓
CT-API (on top of PC/SC)	✓
OCF (on top of PC/SC)	✓

PC/ SC Driver Support

Windows® 98	✓
Windows® ME	✓
Windows® 2000	✓
Windows® XP	✓

Embedded Technology

Available (For further information please contact us)	✓
-------------------------------------------------------	---

Hardware Specifications

Colors	Two-Tone Grey Standard
Dimensions	80x14x50mm
Weight	173 gr
Operating temperature	10-55°C
Operating humidity	10-90% rH
Composition	ABS
Connector cable	180-200cm
Durability	100.000 Insertions
Meantime between failure (MTBF)	500.000 Hours



OMNIKEY
Headquarters
 Am Klängenweg 6 A
 65396 Walluf Germany
 Tel: +49 6123 7913 0
 Fax: +49 6123 7913 28

OMNIKEY
Americas
 9294 Jeronimo Road
 Irvine, CA 92618 USA
 Tel: +1 949 598 1617
 Fax: +1 949 598 5747

For all other countries, please contact OMNIKEY headquarters.

info@omnikey.com

www.omnikey.com