
IDBridge K50 - Tamperproof Smart Card USB Reader Key

Brand: Gemalto
Product Code: SMAGA1138627C



Short Description

Tamper evident USB token with SIM card interface.

Description

Sealable/Tamperproof Smart Card USB Reader Key. USB CCID reader for 2FF SIM sized card. Tamper evident & waterproof . USB token embedding any ID-000 format card in a robust casing.

Features and Benefits

- **Easy to deploy**
The IDBridge K50 reader can be distributed independently of the plug-in (ID-0) card, facilitating production and smart card issuance. It operates with Microsoft CCID driver, inboxes VISTA and Seven, removing the need of a driver installation.
- **Easy to use**
The SIM sized smart card can be easily inserted without the need of any mechanical tooling. Once inserted, the smart card is definitively locked in the token housing.

- **Robust**

The Smart card is locked in a waterproof case for maximum reliability.

- **Versatile**

Available with any SIM sized smart card, meeting FIPS 140-2 level 3 or CC EAL4+ PPSSCD certification requirement

Technical Specifications

Host Interface	<ul style="list-style-type: none"> • Plug and Play • CCID (Chip Card Interface Device) • USB 2.0 full speed (12 Mbps)
Smart Card Interface	<ul style="list-style-type: none"> • ID-00 SIM sized cards ISO 7816 Class A, B and C cards (5 V, 3 V, 1.8 V) T=0 and T=1 protocols • up to TA1=96 ISO7816 parameters(340 Kbps with a 4Mhz reader clock)
Smart Card Connector	<ul style="list-style-type: none"> • 6 friction contacts - ISO location
Human interface	<ul style="list-style-type: none"> • LED one color (Blue), dual state (blinking: waiting card insertion; ON: card reading / writing)
Power Supply	<ul style="list-style-type: none"> • USB 2.0 type A connector • Hubless • Power supply thru USB port • Maximum operating current: 100mA • Operating voltage [4.4 – 5.5V]
Standards / Certifications	<ul style="list-style-type: none"> • ISO/IEC 7816-1,2,3,4: IC Cards with contacts • Microsoft Windows Hardware Quality Labs (WHQL), Windows Logo Program WLP 2.0 • USB 2.0 Full speed certified (USB readers listed on usb.org website) • CCID - Chip Card Interface Device 1.0
API	<ul style="list-style-type: none"> • Microsoft PC/SC environment with associated drivers

Operating Systems	<ul style="list-style-type: none"> • Windows 98, 98SE, Me, 2000, XP, Server 2003, x64 editions, Vista 32, 64 bits, Seven, Server 2008R2 • Win CE 4.1, 4.2, 5.0, 6.0 • Linux Kernel 2.6 and higher • Mac OS X Panther, Tiger, Leopard 32 editions • Support for Solaris, XP embedded
Environmental	<ul style="list-style-type: none"> • CE, FCC part 15 Class B • EN 60950 / UL 950 / CSA 950 • Operating: +0