



SafesITe PC USB-SW Reader

FINANCIAL SERVICES & RETAIL

ENTERPRISE

INTERNET CONTENT PROVIDERS

PUBLIC SECTOR & TRANSPORT > PRODUCT

TELECOMMUNICATIONS



SafesITe PC USB-SW Reader is a smart card interface device which connects to the host computer via a USB link.

The reader enables software applications to interface with any ISO 7816 smart cards as well as most popular memory cards.

It also complies with the CCID (Chip Card Interface Design) standard and is interoperable with USB smart card reader class drivers available on a growing number of platforms. In addition, Gemalto provides reader-specific drivers to address the widest variety of operating systems.

Featuring a compact footprint, this smart card reader is lightweight but very stable on a desk or surface. It is easily installed and is designed to provide a lifetime of reliable service.

The SafesITe PC USB-SW Reader is compliant with the FIPS 201 standard in the U.S. and also has passed computing and banking certifications, including Microsoft PC/SC smart card reader certification and the EMV 4.0 level 1 (Europay, MasterCard and Visa). It is also suitable for worldwide deployment.

Host Interface

- Plug and Play
- USB full speed (12Mbps)

Smart Card Interface

- Support ISO7816 Class A, B and C (5V, 3V, 1.8V)
- Support all ISO7816 TA1 parameters (up to 344 kbps)
- Reads from and writes to all ISO7816-1,2,3,4 microprocessor cards, T=0 and T=1
- Synchronous (memory) cards supported using a proprietary API
- Short circuit detection

Smart Card Connector

- 8 friction contacts* - ISO location
- 100,000 insertion cycles
- EMV level 1 mechanically compliant
- Embossed smart cards supported

(*) The Vpp signal is not managed.



Gemalto SafesITe PIV is a comprehensive physical and network access solution specifically designed for government organizations. It enables compliance with the most demanding security mandates, including HSPD-12.

Smart Card Connector

- 8 friction contacts* - ISO location
- 100,000 insertion cycles

> Technical Specifications

Human Interface

- Tri-state green LED

Standards/Certifications

- ISO/IEC 7816-1,2,3,4: IC Cards with Contacts

- EMV terminal level 1 version 4.0 for Gemcore Twin Pro
- Microsoft Windows® Hardware Quality Labs (WHQL)
- USB 2.0 Full speed
- CCID - Chip Card Interface Device - 1.0

APIs

- PC/SC (Microsoft) and PC/SC Lite (other OS) smart card subsystem
- Other environments (ex: OCF, CT-API) upon request

Operating Systems Support

- Windows 98, 98SE, Me, 2000, XP, Server 2003 and XP 64bit editions
- WinCE, Linux, Mac OS, Solaris.

Cable/Power Supply

- Cable 4.9 feet (1.5 m) long
- USB type A connector
- Power supply via USB port
- Operating voltage [4.4V - 5.5V]

Environmental Performance

- CE, FCC part 15 Class B, VCCI, BSMI, MIC
- EN 60950/UL950/CSA950
- Operating temperature: +41°F to +131°F (+5°C to +55°C)
- Storage temperature: -13°F to +140°F (-25°C to +60°C)

Casing

- Silver metallic painting LWH 3.9" x 3.0" x .5" (99mm x 78mm x 13mm)

Packaging

- Individual box with installation and usage guide