

Leo

Secure smart card reader with secure PIN entry for professionals

- Secure professional reader for users' authentication and digital signature
- Dedicated to security applications for smart cards (the IAS-ECC standard, for example)
- Aimed at government offices and companies with a Public Key Infrastructure (PKI)
- Compliant with PC/SC V2 (part 10) standard and CC-EAL3+ certified



smartcard



USB



secure PIN entry



security

■ A professional secure reader for electronic identity schemes.

Secure PIN entry

Leo features a secure PIN entry management that enables the user to locally enter his/her PIN code on the reader keyboard: this code is presented directly to the chip card, without going through the PC. This mode is indicated by the lighting of a padlock image on the reader lens.

As no data is transferred to the PC during the PIN entry, there is no risk of compromising this sensitive data, even if the PC is running rogue software like Trojan horses, Keyloggers or other Spyware. Its design integrates all the requirements of international safety and protection standards.

Leo contains no sensitive data nor secrets; therefore security cannot be compromised in case of loss or theft.

Ergonomics applied to professional use

The design of the Leo secure reader provides enhanced ergonomics facilitating countertop or desktop use. The keyboard is ideally tilted to ease the PIN typing on large keypad.

The dimensions and the angle of the display screen have been especially designed to provide excellent visibility. The card slot allows for easy use and includes a dust protection mechanism. Two LEDs are positioned on the lens to show that the reader is functioning properly and indicate the secure management of the PIN when Secure PIN Entry feature is enabled.

A hanging system compliant with a standard lock (not included) is also available to attach the reader to the desktop securely.



NAME		Leo
PC interface		Powered by USB 2.0 (& USB 1.1) full speed (12 Mbps) PC/SC v2 with Secure PIN Entry (part 10) USB CCID
Smart card interface		ISO 7816 T=0 and T=1 protocols
Supported smart cards		ISO 7816-1 to -4 (microprocessor smart cards) Class A, B and C supported
Screen		2 lines of 16 characters, 5x7 matrix
Keypad		13 rubber keys
Certifications		USB 2.0 full speed (and USB 1.1) EMV Level 1 Microsoft WHQL CE/RoHS Common Criteria EAL3+
Security		2 security labels for tamper evidence
Supported environments	Microsoft MacOS Linux	Windows XP/Vista 32-64 bit/Seven 32-64 bit 10.4 and later
Size		113 x 78 x 62 mm
Weight		270 g

