



miniLector EVO.

The reader that combines evolution and simplicity

miniLector EVO is a smart card reader for authentication and digital signature operations. It can be used with all types of smart cards as electronic ID cards, health cards etc.

THE MOST POPULAR SMART CARD READER IN EUROPE

miniLector EVO is the ideal tool to read the data contained in smart cards equipped with "contact" chips. The reader can be used both to digitally sign electronic documents with legal validity, and for online authentication operations (for example to access e-government and e-banking services).

miniLector EVO is able to combine two essential features: advanced technology and easy use. While respecting the highest security standards, it guarantees extremely quick and intuitive use. It can be easily connected via USB and it does not require any installation.



USB connection



Contact interface



Compatible with
Windows, Mac OS X, Linux



Easy to install
and use

Main features

- CCID standard compliant
- Short Circuit Protection
- Led status indicator
- More than 500.000 cycles of use
- Support extended APDU

Certifications/Compliance:

CE, FCC, VCCI, UL, TAA, FIPS 201, RoHS 2, REACH, EMV Level1, Microsoft ® WHQL

Standards:

USB 2.0, CCID, PC/SC, CT-API, PPS
ISO/IEC 7816 Class A, B and C
CAC (Common Access Card),
PIV (Personal Identity Verification)
CEI/EN 62368 (ex. CEI/EN 60950)

Operating systems:

Win 8, Win 8.1, Win 10, Win 11, Windows Server 2008 (+);
MacOS 10.12 (+); Ubuntu 18.04 (+); RedHat E. 7.0 (+);
Centos 7.0 (+), Fedora 28 (+), Debian 8.0 (+)

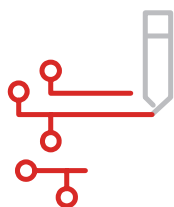
Technical features

Interface	USB 2.0 (Type A)
Dimension	76mm x 61.5mm x 16mm
Weight	46g
Cable length	1.5m (fixed)
Color*	White
Power supply	USB: 5V DC / 50mA
Operating temperature	0° C to 70° C (32° F to 158° F)
Storage temperature	-40° C to 85° C (-40° F to 185° F)
Status LED	Green (power supply/card)

Contact smart cards

Supported cards	ISO 7816 Class A, B and C (5V, 3V, 1.8V), T=0 and T=1, CAC, PIV
Clock frequency	4.8 MHz
Communication speed	9.6 kbps - 600 kbps
Card size	ISO 7816-3 ID-1 (full-size)

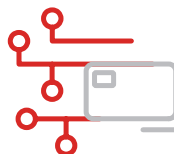
*Case color and logo customizable on large volumes



DIGITAL SIGNATURE

With miniLector EVO you can read and use many smart cards for digital signature. A fundamental and particularly frequent use by both citizens and professionals – who for personal or work needs often need to sign documents with legal validity - and in companies, that thanks to the digitization of signatures are able to speed up their document flows. The reader guarantees high performance in terms of speed and safety.

There are many professionals who affix legally valid and non-repudiable signatures on a daily basis with their smart cards, combining the reader with the firma4ng digital signature program, the software designed by Bit4id, widely used for its high usability and security.



COMPATIBLE WITH ID CARDS

miniLector EVO is compatible with many cards for the identification and authentication of users, released by governments to give access to national web services. For example, the reader can be used with the Italian “Carta Nazionale dei Servizi (CNS)”, with the Portuguese “Cartão de Cidadão” and with many other ID cards with an electronic chip.