

# miniLector EVO

For your digital Identity  
and digital signature

miniLector EVO has been designed to meet the most demanding requirements of the most advanced smart card applications, from digital signature to online banking

bit  
**4id**



## FULL SIZE SMART CARD READER

The fast growth of electronic frauds and data theft is making security a major issue in the ICT sector. The safest solution is currently represented by the adoption of public key infrastructures (PKI) and therefore digital certificates held into cryptographic smart cards. Such scenario is leading to a large diffusion of smart card readers.

It is ideal to be used into public key infrastructures where smart card holding user's identities are used to grant logical access to resources to particular applications or to digitally sign electronic documents.

No technical knowledge is required to use the miniLector EVO as is a plug&play device, ready to be used in a matter of seconds.

Large projects covering different ICT aspects such as digital signature, e-Government, e-Banking, e-Healthcare, Public Key Infrastructure use the miniLector EVO as smart card reader.

Our experience and knowledge alongside a large diffusion of miniLector EVO contributes to its being highly reliable and affordable.

# MAIN FEATURES

## Supports

- ISO 7816 Class A, B and C (5 V, 3 V, 1.8 V) card
- CAC (Common Access Card)
- PIV (Personal Identity Verification) card
- Microprocessor cards with T=0 or T=1 protocol
- PPS (Protocol and Parameters Selection)
- Memory cards: following the I2C bus protocol (free memory cards), including:
  - Atmel, SGS-Thomson and Gemplus
  - SLE cards: 4404, 4432, 4442, 5532, 5542, 4418, 4428, 5518, 5528, 4406, 4436, 5536, 6636
  - with secure memory IC with password and authentication, including: AT88SC153, AT88SC1608
  - with Security Logic with Application Zone, including: AT88SC101, AT88SC102, AT88SC1003

## Other Features

- Short Circuit Protection
- Application Programming Interface:
  - Supports PC/SC and CT-API (through wrapper on top of PC/SC)

### End user packaging product code: KIT-MLEVO

|         |                             |
|---------|-----------------------------|
| DVD Box | Including reader and CD-ROM |
| Size    | 13.5 cm X 22 cm X 19 cm     |
| Weight  | 150 g                       |

### Integrators/resellers packaging product code: BOXEVO

|                           |                        |
|---------------------------|------------------------|
| White gloss cardboard box | Including reader       |
| Gross weight              | 110 g                  |
| Size                      | 15.4 cm X 14 cm X 3 cm |

### Multipack – System integrators/resellers

|                      |                       |
|----------------------|-----------------------|
| Havana cardboard box | 100 units             |
| Size                 | 52 cm X 33 cm X 30 cm |
| Gross weight         | 8.2 Kg                |

### Personalization

|                    |                        |
|--------------------|------------------------|
| Logo               | Yes – On large volumes |
| Predominant colour | Yes – On large volumes |

# TECHNICAL FEATURES

**Communication interface**  
USB 2.0 Full Speed

**Dimensions**  
62mm(W)X18mm(H)X66mm(L)

**Weight/Cable length**  
46 g (including cable)/1.5 m

**Connector**  
USB type A

**Colour**  
bright white

**Supply Voltage**  
5V DC (from USB port)/50mA max

**Operating Temperature**  
0-50° C

**Life cycle**  
over 100,000 card insertions

**Status LED**

**Compliances and Certifications**  
EN 60950/IEC 60950, EMV 2000 Level 1, PC/SC, CCID, CE, FCC, VCCI, RoHS Compliant

**Microsoft WHQL**  
2000, XP, Vista, 7, 8/8.1, 10, Server 2003 | 2008 | 08 R2 – 2012 - 2016

**System Requirements**  
Windows Vista | Win 7 | 8 | 8.1, 10 |  
Windows Server 2003 | 2008 (R2) | 2013 | 2016  
Mac 10.9 and above,  
Linux, Android 5.0 and above  
iOS 9.0 and above