

# PROXILIS PRO ANTI-VANDAL

Access control readers

13.56 MHz proximity readers

## Secured, Adaptable and Evolving

The PROXILIS PRO reader belongs to a new generation of 13.56 MHz readers. Completely secure, multi-protocol and programmable, it is the first reader which can completely adapt to all data reading and identification strategies.

PROXILIS PRO is progressive and universal: It supports all card models (Mifare, Mifare+, Desfire, ICAO, CD21, SLE88, Calypso...), of this fact perpetuating the installation and preserving the investment.

This reader integrates symmetrical and asymmetrical cryptographic resources and its local processing unit (LPU) connections are secured. Similar to a Bank Card reader, it fills all security gaps and gives the customer complete control of the system.



Low Consumption



Anti-vandal

### THE PLUS POINTS

#### Robust

In this outdoor version, the PROXILIS unit is completely sealed and reinforced to provide a high impact resistance (IK8). It is also resistant to a cigarette lighter's flame.

#### Environmentally friendly

PROXILIS contributes to improving the energy efficiency of buildings since their power consumption level is much lower than other readers on the market (0.25 W).

#### Available in several versions

The PROXILIS reader also exists in a square shape and in a slim version (for door posts), with ambient light. Another model remote antenna for specific integrations is also available.

### Principles & Functionalities

- Ideal for companies who have already defined a precise need in terms of cards and multi-applications (biometrics, cafeteria...).
- All «read and write» card models, mappings and cryptographics (symmetrical and asymmetrical).
- The application can be downloaded via the communication line or with an NFC telephone or a PDA, and executed in a separate secured memory space.
- Programmable by customers (SDK delivered) or development software from TIL.
- Encrypted RS485 communication with presence control between the reader and the LPU.

### The range of readers PROXILIS ECO, STD and PRO

PROXILIS	PROXILIS SLIM	PROXILIS ANTI-VANDAL

SECURITY SYSTEMS

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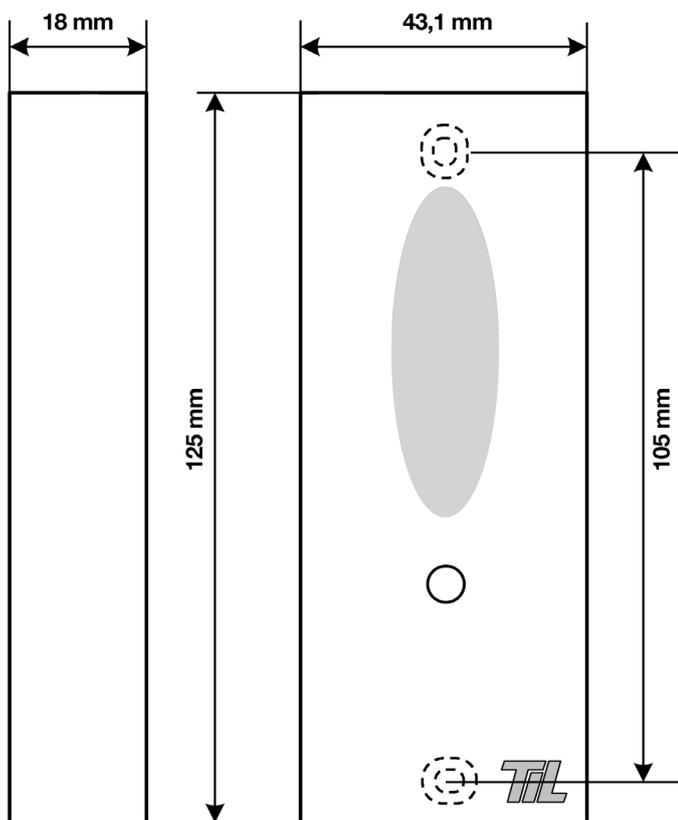


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## Mechanical dimensions



## Standards & Compliance

### Standards :

- ⦿ Standards ISO14443 A, B and B', ISO18092 Level 1 to 4
- ⦿ DES, 3DES, AES, RSA, ECC, SHA Cryptographics
- ⦿ Memory for keys and secure crypto-processor ELA4+

### Cards :

- ⦿ All cards (Mifare Classic, Mifare +, Desfire, ICAO, SLE88, CD21...)

## Detailed features

- ⦿ **Power supply:**  
12 VDC (9 to 15 VDC)
- ⦿ **Average consumption:**  
0.25 W
- ⦿ **Operating frequency:**  
13.56 MHz
- ⦿ **Max. distance between the module and the reader:**  
600 m
- ⦿ **Communication interface:**  
RS485 encrypted, live signal
- ⦿ **Connectors:**  
Cable output (3 m length)
- ⦿ **Materials:**  
Reinforced plastic, waterproof
- ⦿ **Shock resistance:**  
IK8
- ⦿ **Dimensions:**  
125 x 43.1 x 18 mm
- ⦿ **Mouting:**  
Wall mounted, 2 screws 4 mm, 105 mm pitch
- ⦿ **Reading distance:**  
Up to 6 cm depending on the card technology
- ⦿ **Signalling:**  
- Controllable red/green leds  
- Integrated buzzer
- ⦿ **Operating temperature:**  
from -20°C to +70°C
- ⦿ **Weight :**  
0.18 kg (0.30 kg with 3 m cable)

## References

### PROXILIS PRO anti-vandal readers:

- ⦿ **LEC05MF4500-NL5:** anti-vandal reader, black, cable output
- ⦿ **LEC05MF4500-BL5:** anti-vandal reader, white, cable output

### PROXILIS « SANTE » indoor version:

- ⦿ **LEC05MF2500-NB5:** indoor square reader, black, screw terminal output
- ⦿ **LEC05MF5500-NL5:** indoor slim reader for doorposts, black, cable output

Indoor version is available in several colors.



## Your distributor

**Headquarters** Parc du Golf - 350 rue de la Lauzière - 13592 Aix-en-Provence Cedex 3 - Tél : +33 (0)4 42 37 11 77 - Fax : +33 (0)4 42 34 28 98  
**Paris Agency** Immeuble Atria - 2 rue du Centre - 93885 Noisy-le-Grand Cedex - Tél : +33 (0)1 48 15 04 30 - Fax : +33 (0)1 48 15 04 32

> [info@til-technologies.fr](mailto:info@til-technologies.fr)

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[www.til-technologies.fr](http://www.til-technologies.fr)

