

PROXILIS ECO ANTI-VANDAL

Access control readers

13.56 MHz proximity readers

Simple & Economical

PROXILIS ECO is a proximity reader specially designed for companies which require a simple and economical access control solution.

Easy to manage and install, this reader is ideal for companies who simply need to return a serial number, with no concept of multi-applications (biometrics, cafeteria...). It reads CSN numbers from A, B, B' or UltraLight C cards.

The RS485 communication between the PROXILIS ECO and the LPU is encrypted. And with the Mifare UltraLight C card, the integrated 3DES cryptographic resources also allow the serial number to be read securely (anti-cloning).

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 remote antenna model for specific integrations is also available.



Low Consumption



Anti-vandal

Principles & Functionalities

- 32 to 80 bits serial number reader.
- No key management, no customer encoding, no configuration.
- Wiegand/DataClock or Encrypted RS485 communication with presence control between the reader and the LPU.
- Possibility of a secure reader with an economical card (Mifare UltraLight C).

The range of readers PROXILIS ECO, STD and PRO

PROXILIS	PROXILIS SLIM	PROXILIS ANTI-VANDAL

SECURITY SYSTEMS

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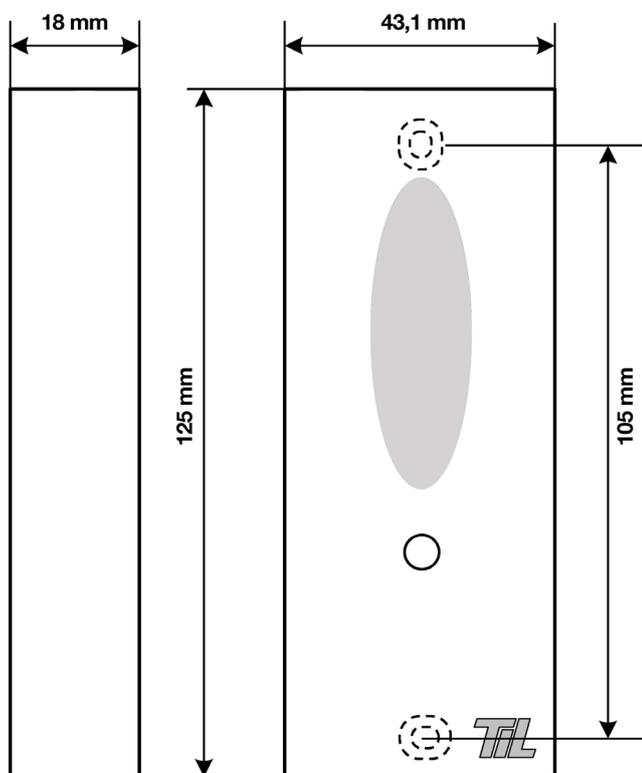


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Mechanical dimensions



Standards & Compliance

Standards :

- ⦿ Standards ISO14443 A, B and B', ISO18092 Level 1 to 4
- ⦿ DES, 3DES, AES, RSA, ECC, SHA Cryptographics

Cards :

- ⦿ A Cards (Mifare Classic, Mifare +, Desfire, UltraLight C)
- ⦿ B Cards B (SLE88, CD21...)
- ⦿ B' Cards (transports)

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 or Wiegand/DataClock
- ⦿ **Connectors:**
Cable output (3 m length)
- ⦿ **Materials:**
Reinforced plastic, waterproof
- ⦿ **Shock and water resistance:**
IK8, IP65
- ⦿ **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 ECO anti-vandal readers :

- ⦿ **LEC05MF4000-NL5:** anti-vandal reader, A,B, B' and Ultralight C cards - CSN 10 characters*, RS485, cable output, black
- ⦿ **LEC05MF4000-NL0:** anti-vandal reader, A,B, B' and Ultralight C cards - CSN 10 characters*, Wiegand/DataClock, black

If reading CSN 14 or 20 characters is needed, please specify in order.

Your distributor

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