

New High Performance Model

+ Improved reading distances

+ Automatic tuning

Identification & Security

▶ Hands-Free Access Control

» The L51 reader is designed for hands-free pedestrian or vehicle access control.

» With its simple compact and efficient design, the L51 fits easily in many environments.



▶ Benefits

Performances

The L51 delivers reading distances up to 70 cm** with a classic proximity ISO card. It is recommended for a large variety of applications where performance and reading comfort are required.

Automatic Tuning

With the new automatic tuning, the reader adapts itself to its environment and optimizes its performance.

Ease of installation

With built-in electronics in the antenna it can be installed very simply in many places, and without setup.

Integration

With multiple standard communication interfaces and protocols, the L51 will be immediately compatible and easy to integrate in your existing access control systems.

Protection

The L51 can be used both indoor and outdoor, and has a strong mechanical outfit for optimum weather resistance.

Design

The reader is one of the rare visible parts of access control systems. Its look must then be taken very seriously. At Stid we are very aware of that and we not only provide performing products, but also nicely designed ones to fit in your environments.

Specifications

- ▶ **Frequency** : 125 kHz
- ▶ **Mode** : Read Only
- ▶ **Reading distance**** : Up to 70 cm
- ▶ **Dimensions (antenna)**: 40.8 x 28.8 x 1.2 cm
- ▶ **Interfaces** : TTL, RS232, RS485
- ▶ **Protocols** : ISO2, Wiegand, serial
- ▶ **Power supply** : 12VDC
- ▶ **Protection** : IP65
- ▶ **RFID chip supported** : EM

▶ Technology



The L51 can be used with a wide variety of contactless cards and tags.



Classic cards
Hybrid cards with Mifare®



Key-ring



Wristbands



Adhesive
discs

L51 Reader

Compact hands-free reader

125 kHz

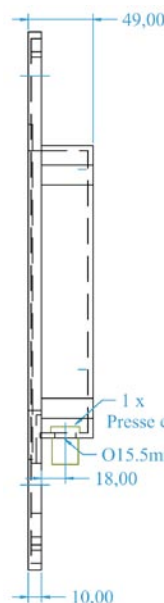
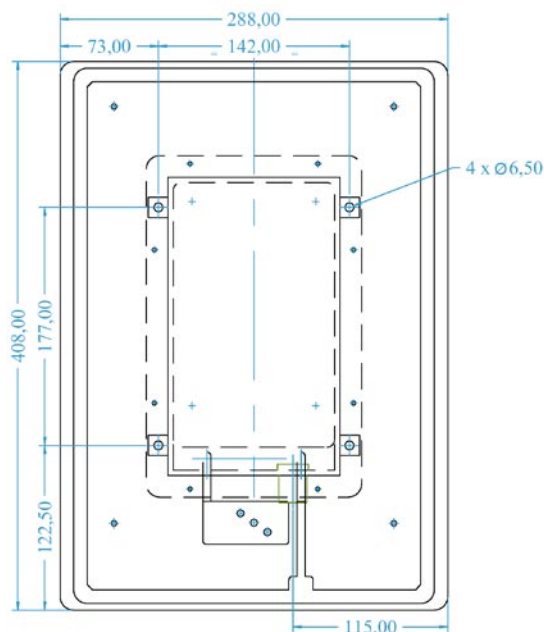


Applications

- Hands-free pedestrian access control
- Vehicle access control
- Traceability

Dimensions

Dimensions (in mm)



Mechanical overview



Operating Frequency :

125 kHz

Mode :

Read Only

Reading Distances** :

Up to 60/70 cm with a card

Up to 30/40 cm with a keyring

Communication Interfaces :

TTL open collector output with Data/clock and Wiegand protocols; RS485; RS232.

(contact us for detailed specifications)

Connection :

9 points screw connector

3 high intensity Leds :

Yellow : power and detection

Red & Green : host driven

Internal beeper :

Read indicator (automatic)

Power supply :

12 VDC (12-15V)

Power requirement :

1A typ. (300 mA to 1.2A depends on the tuning).

Material :

PS Choc, black

Dimensions :

Antenna : 408 x 288 mm / Overall thickness : 49 mm

Operating Temperatures :

- 10°C to + 60°C - indoor & outdoor use.

Protection

IP 65

Part number :

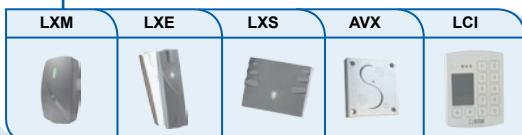
L51-R1x-A/Em1-yy/1

x: 1=TTL / 2=RS232 / 3=RS485

yy : protocol model



125 kHz Proximity Readers



Long Range



Turning RFID into reality

STid
Electronic Identification

Headquarters
ZAC des pradeaux
Bd Salvador Allende
13850 Greasque, France
Tel. +33 (0)4.42.12.60.60
Fax. +33 (0)4.42.12.60.61
info@stid.com / www.stid.com

Paris Branch
Immeuble Expansion 10 000
28, rue de la Redoute
92260 Fontenay-aux-Roses, France
Tel. +33 (0)1.43.50.11.43
Fax. +33 (0)1.43.50.27.37
info@stid.com / www.stid.com