LXS reader
Classic proximity reader

125 kHz

Identification & Security

▶ Access control

))) *The LXS 125 kHz proximity reader satisfies most of the needs and requirements for security identification. Its excellent price/ performance ratio makes it the immediate choice for many applications.*

))) *The LXS can be provided according to your customer needs in black or white casing. It is very easy to integrate in many demanding environments thanks to its modern and elegant design.*

▶▶ Features

Design

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

Performances

Outstanding reading speed and distance** : up to 20 cm and detection in less than 50ms.

Easy installation

The LXS has an installation system compatible will standard electrical boxes that makes it very easy to setup. It can also be mounted directly on the wall.

Integration

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

Resistance

The LXS can be used both indoor and outdoor, and has a vstrong mechanical design for optimum weather resistance : polycarbonate fireproof casing and electronics potted in resin.
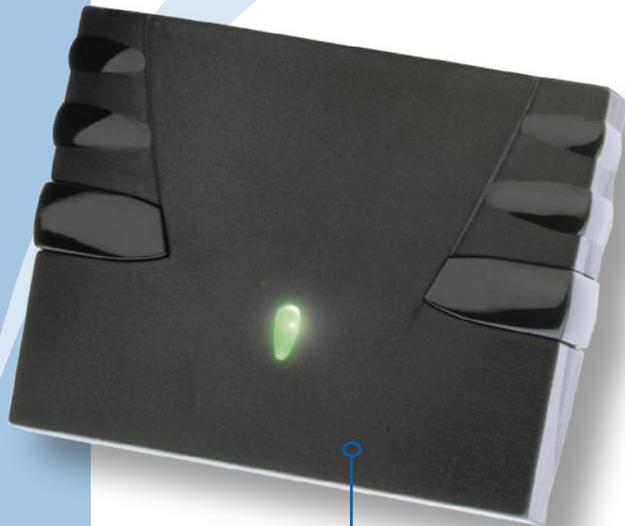
Characteristics

- ▶ **Frequency :** 125 kHz
- ▶ **Mode :** read only
- ▶ **Reading Distances** :** up to 20 cm
- ▶ **Dimension :** 102 x 76 x 20 mm
- ▶ **Interfaces :** TTL, RS232, RS485
- ▶ **Protocols** : Clock/Data, Wiegand, Serial
- ▶ **Power supply :** 12V
- ▶ **Protection :** IP 65 (face)
- ▶ **Chip technology :** EM

▶ *Technology*

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

Turning RFID into reality

STid
Electronic Identification

LXS reader
Classic proximity reader

125 kHz

Applications

- Access control
- Time & Attendance

▶ Specifications

Operating Frequency :
125 kHz

Mode :
Read Only

Reading distances :
typ. 17 cm (13/15 cm with a key holder, 20 to 23 cm with a long range card)

Communication Interfaces :
TTL open collector output with Data/clock and Wiegand protocols; RS485; RS232.
(contact us for detailed specifications)

Connection :
Screw terminal (5 to 8 wires)

Led :
Bicolor - host driven

Internal beeper :
Automatic read indicator, can be deactivated.

Power supply :
12 VDC (10.5-15V)

Power requirement :
100 mA - 125 mA typ.

Material :
Polycarbonate UL casing (V0 UL94)

Dimensions :
102 x 76 x 20 mm

Operating Temperatures :
- 20°C to + 70°C - indoor & outdoor use.

Protection :
IP 65 (face)

Mounting :
Wall mount (optional spacer)

Part Number :
TTL :   LXS-R11-A/E01-xx/y
RS232 :   LXS-R12-A/E01-5c/y
RS485 :   LXS-R13-A/E01-7x/y
xx :   Protocol model
y :   Color   1 :   Black
                                     2 :   White

C E

**Caution : information on reading distances depend on local installation conditions, the transponder size and type, and the power supply specifications.

Dimensions

Dimensions (in mm).

101
76
61
Ep. 20 mm.
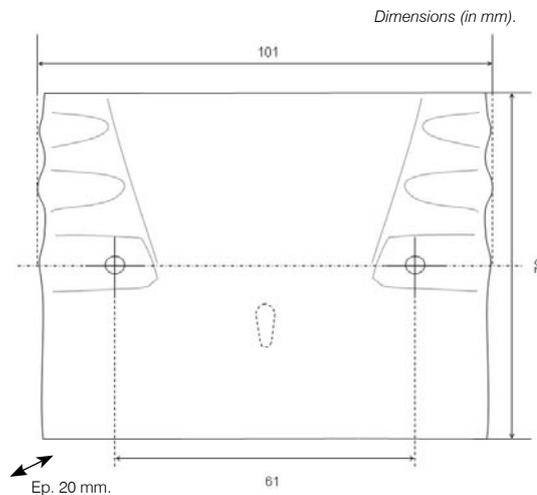
The mounting screws are invisible thanks to 2 removable screw caps, integrated in the reader design.

An optional spacer is available.

Screw terminal for reliable and easy installation
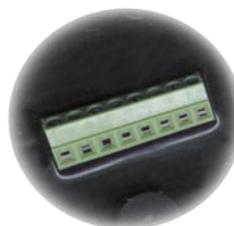
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▶ 125 kHz Proximity Readers

LXM	LXE	LXS	AVX	LCI

▶ Long Range

L50/51	MLT

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