![STid Electronic Identification logo]

LXM

MINI 125 kHz PROXIMITY READER
EM & HID* COMPLIANT

Scale 1

COMPATIBILITY

• 125 kHz EM and HID* credentials
• Wiegand or Data/Clock protocols
• Compliant with all access control systems

| 125 kHz | Read only | Resistant | TTL |

READER GUARANTEED FOR LIFE

CERTIFICATIONS

CE FC

MULTIFUNCTION ACCESS CONTROL READER
Mini LXM 125 kHz proximity reader designed to integrate easily any environment. Its ultra compact, modern and robust design meets the requirements of simple and economical access control.

BEST PRICE/PERFORMANCE RATIO

The electronic system of the LXM offers excellent reading performances in speed and reading distance. The proximity reader is characterized by low cost of ownership and low power requirement, making it the most economical reader in the STid range.

ENSURE SECURE MIGRATION

The LXM Dual version is optimized to read some card formats used by EM & HID Global®* (HID 26, 30 and 37 bits cards). It ensures homogenization and standardization of your access control systems, as well as a simple and economical migration to open and non-proprietary technology.

The LXM 125 kHz standard reader enables to read EM credentials - ISO cards, key holders and wristbands.

EASY INSTALLATION AND USE

The wall mount of the LXM reader is easy and fast thanks to its extremely compact dimensions and removable cover. It is equipped with a buzzer and a programmable two-color LED indicator.

STANDING THE TEST OF TIME

Its self-extinguishing polycarbonate casing (IP65 level excluding connectors) and its resinated electronics make it an ideal product for all your access control applications, both indoors and outdoors. The reinforced structure of the LXM gives it a high level of resistance to vandalism.

SPECIFICATIONS

Operating frequency/standards	125 kHz
Chip compatibility	EM version: EM42xx - EM4x50 Dual version: EM42xx - EM4x50 + HID*
Functions	Read only
Reading distances*	Up to 8 cm / 3.15"
Communication interfaces & protocols	TTL protocols: Wiegand (3J - 25 bits, 3i - 26 bits, 3C - 44 bits) / Data Clock ISO2 (2H - 32 bits, 2B - 40 bits, 2SC - crosspoint) TTL protocols: Wiegand (3i - 26 bits, 3U - 30 bits, 3V - 37 bits)
Connections	- 7 points wire pigtail - Length 3 m / 9.84 ft
Light indicator	Bicolor led activated by command 0V
Audio indicator	Internal buzzer
Power requirement	100 mA
Power supply	Typ. 12 VDC (+9V to +15V)
Material	Self-extinguishing polycarbonate casing (V0 UL94)
Dimensions (h x w x d)	66 x 37 x 20 mm / 2.6" x 1.5" x 0.8" (general tolerance following ISO NFT 58-000 standard)
Operating temperatures	- 20°C to + 70°C / - 4°F to + 158°F - Inside / outside use
Protection / Resistance	IP65 level excluding connectors - Water and dust resistant Reinforced vandal proof structure
Mounting	2 x M3 screws hidden (under the removable front cover)
Certifications	CE & FCC
Part numbers	EM version TTL with 3 m cable ....LXM-R11-B/E01-xx/1 Dual version TTL with 3 m cable LXM-R11-D/H01-3x/1

DISCOVER OUR COMPATIBLE PRODUCTS

125 kHz or dual frequency ISO cards

125 kHz key holders

BMS 125 kHz wristbands

Removable front cover for easy installation and protection.

66 mm / 2.6"

37 mm / 1.5"

20 mm / 0.8"

*LXM DUAL is available programmed with certain formats used by HID® Global (HID 26, 30 and 37 bits cards).

**Caution: information about the distance of communication: measured from the center of the antenna, depending on antenna configuration, type of identifier, operating environment of the reader, temperatures, power supply voltage and reading functions (secure reading or not). External interferences can lead to shorter distances.

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