

Card reader with keypad

General features

- **Upgradeable reader**
Integrated features that can be natively activated on demand: dematerialized access, customized configurations...
- **Extended compatibility**
Support for ISO14443 & 15693-compliant identification platforms.
- **Dematerialized access**
Via LINEGUARD Access application (BLE) or Apple & Google wallets.
- **Advanced customization**
LEDs (matrix & line) and buzzer fully configurable on LINEGUARD Studio.
- **Interoperable reader**
Integration of all protocols and technologies in a single reference.
- **Enhanced safety**
Available in transparent mode and compliant with ANSSI (CSPN) recommendations.
- **Eco mode**
Automatic detection of users via radar for optimized sleep & wake-up times.



Unique readers made in France



Line Ultra
Prox



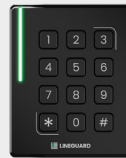
Line Nano
Prox



Matrix Ultra
Prox



Matrix Nano
Keypad



Line Ultra
Keypad



Line Nano
Keypad



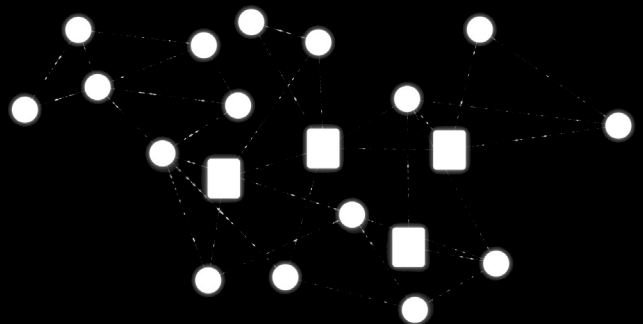
Line Ultra
Touch

Interoperable readers for all access control systems

LINEGUARD is a single reader reference, no matter the protocol. Each device integrates two technologies:

- TTL (Wiegand),
- RS485 (OSDP or SSCP).

A single solution for extended compatibility.



Combining innovation with sustainable design



100% made in France
at our site
in Cholet (49)



ISO 14001
certified for more
environmentally
conscious
products



Eco mode
to reduce energy
consumption



**High repairability
index**
for greater
longevity



**Short supply
chains**
through local
partnerships



Recyclability
for a smaller
environmental
footprint

Technical specifications Line Ultra Keypad

Technology	CSN and secure random technology with diversified keys: MIFARE Classic®, MIFARE® DESFire® EV1, EV2, EV3 CSN: MIFARE Plus®, MIFARE Ultralight®, iClass (CSN) BLE: LINEGUARD Access NFC.
Protocols/Output	Wiegand (up to 8 wires: 2 power + 2 data + 2 LED + 1 buzzer + 1 tamper): 26, 30, 32, 34, 40, 44, 56, 58 Bits OSDP V2 (transparent mode available), SSCP, SPAC (2 power wires + 2 data wires).
Reading distance	4 cm RFID 25 meters Bluetooth.
LED indicator	Matrice x25 LED – 255 built-in colors with configurable intensity and light sequences.
Sound indicator	Integrated buzzer with configurable intensity and sound sequences.
Cybersecurity	Software protection and EAL6+ crypto processor for secure key storage.
Connectivity	Detachable terminal block.
Materials	Front panel: ABS/PC+PC Backplate: PA (6650 GF) Baseplate: PPH (30 GF) + Brass TPE UV-treated Mechanical keyboard.
Dimensions	99.8 x 79.8 x 23.5 mm.
Operating temperature	From -40°C to +60°C From -40°F to +140°F.
Self-protection and Pull-out resistance	Anti-tamper sensor Key deletion and notification to the UTL (SSCP, OSDP).
Protection/Resistance	IK08 and IP65.
Mounting	Surface-mounted Electrical boxes/standard flush-mounting boxes: 60 mm center-to-center distance.
Certifications	CE (Europe), FCC (USA), IC (Canada) and UL.
Accessories	Standard spacer Spacer with 40° angle for orientation.
Keypad	Mechanical (for restricted environments) with activatable/deactivatable backlighting.

A single reference regardless of protocol or mode of use

Mode	Features	References	Designations
CSN	Reading of the CSN (Card Serial Number) of the badge.	LI-020-273	LMU\2TT\CIEVO
Preset	Ready to operate once wired (factory reader configuration).	LI-020-281	LMU\2TT\C2EVO
Custom	100% customization of the reader configuration in LINEGUARD Studio.	LI-020-281 + evo card for mode activation: • 1 reader FD-010-217 • 5 readers FD-010-219 • 10 readers FD-010-221 • 20 readers FD-010-223	LMU\2TT\C3EVO
Mobile	Activation of native functionalities enabling the use of dematerialized identification credentials (BLE & wallet).	LI-020-281 + evo card for mode activation: • 1 reader FD-010-218 • 5 readers FD-010-220 • 10 readers FD-010-222 • 20 readers FD-010-224	LMU\2TT\C4EVO