

HF | NFC – Prox Reader Series **LINEGUARD - Prox Line**

- HF/NFC & BLE multi-technology support
- Eco mode with radar-based user detection
- Customizable LEDs & buzzer feedback
- Wiegand, OSDP V2 & SSCP compatibility
- Made in France with sustainable materials



HF | NFC – Prox Reader Series Line & Matrix - Mechanical Keypad

The LiNEGUARD Prox Reader Series delivers next-generation access control with a unified architecture across three form factors: Line Nano, Line Ultra and Matrix Ultra. Each device combines HF/NFC technology with BLE mobile credentials, ensuring seamless compatibility with both physical badges and modern digital identities. Designed for effortless integration, the readers support Wiegand, OSDP V2 - including transparent mode - and SSCP, offering maximum flexibility for new installations and retrofit environments alike.

Built for security-critical applications, the Prox Series features an EAL6+ secure element, anti-tamper protection and native compliance with ANSSI recommendations. Intelligent eco-mode with radar-based user detection reduces energy consumption while maintaining instant responsiveness. Depending on the model, customizable LED feedback - via Line LED or Matrix LED - provides clear visual guidance and enhances the user experience in any setting.

Engineered and manufactured in France, all readers offer robust IK10 and IP65 protection, UV-treated materials and mounting compatibility for fast, reliable installation indoors or outdoors. With durable construction, sustainable design principles and full configurability through LiNEGUARD Studio, the Prox Reader Series delivers long-lasting performance, strong security and outstanding versatility for modern access-control infrastructures.

Common Applications

- Access Management
- Visitor & employee identification
- Residential & commercial building entry
- High-security zones requiring PIN + badge
- Indoor & outdoor perimeter access points



TECHNICAL SPECIFICATIONS

| | Line Ultra Prox | Line Nano Prox | Matrix Ultra Prox |
|---|--|--|---|
| |  |  |  |
| 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 | Guide x6 LED - 255 built-in colors with configurable intensity and light sequences | | LED Matrix - 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. | | |
| Dimensions | 99.8 × 79.8 × 23.5 mm | 109.8 × 41.8 × 23.5 mm | 99.8 × 79.8 × 23.5 mm |
| Operating temperature | From -30°C to +40°C | From -30°C to +40°C | From -30°C to +40°C |
| Self-protection and Pull-out resistance | Anti-tamper sensor Key deletion and notification to the UTL (SSCP, OSDP) | | |
| Protection/Resistance | IK10 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 | | |