

Slender Series

Standard and touch-keypad readers



Standard | Keypad

Slim RFID readers designed for door-frame mounting, with standard and touch-keypad versions. On-site configuration cards allow reader parameters to be changed for the installation.

Design and functions

- 125 kHz and 13.56 MHz credential options, including Mifare, Mifare Plus, DESFire, LEGIC and CPU cards.
- Touch-sensor keypad option with doorbell trigger output.
- Backlighting supports visibility in dark environments.
- IP65 protection and tamper protection.
- Universal backplate accommodates different gang-box sizes.
- Non-drop bottom screw simplifies installation and servicing.
- Reverse-power and static-charge protection; inputs protected for 12 VDC.

Configuration and operation

Configuration window	5 seconds by default or 30 minutes after power-up
HF output format	CSN/UID forward or backward; programmed-sector reading
Wiegand pulse width	Configurable for the controller
Keypad output	4-bit / 8-bit / 26-bit; keypad version only
Buzzer	Reader and controller control, or controller only
LED response	Configurable colour response to LED input

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Technical specifications

Read range	2–8 cm, depending on RFID technology
Standard output	Wiegand; RS232 and RS485 optional
Wiring distance	150 m using 22 AWG shielded cable
Supply / current	10–15 VDC / 150 mA max
Temperature	–30 to +70 °C
Humidity	10–90%
Dimensions	150 × 53 × 25 mm
Weight	180 g
Housing / colour	PC + ABS / black
Protection	IP65; tamper, reverse-power and static-charge protection

Model selection

Model structure	X1 X2 N1 N2 N3 – N4 X3
RF prefix	HR = 125 kHz; MW = Mifare; MX = Mifare Plus; DM = Mifare + DESFire; LE = LEGIC
Function / enclosure	N1: 3 = standard reader; N2: 5 = Slender
Reading mode	N3: 2 = UID/card number; 3 = sector, 13.56 MHz only
Connection / keypad	N4: 8 = pigtail; X3: N = no keypad, K = keypad