

125KHZ RFID READERS

L130-U 125kHz USB Proximity Card Reader, Glossy Light-Ring Pad

The L130-U is a 125 kHz USB proximity card reader in a glossy black light-ring pad, for customer-facing counters where members and residents present EM4100 or TK4100 key fobs and cards. It reads at 0–80 mm in about 0.2 s, draws 100 mA from USB and types the card ID like a keyboard, with no driver.

- Light-ring pad — glossy black top with a silver edge and a light ring, 104 × 70 × 15 mm.
- Fobs and cards — EM4100, TK4100 and SMC4001 key fobs and cards at 0–80 mm.
- About 0.2 s per read — with a 0.5 s read interval between cards.
- Quiet operation possible — the LED and buzzer are controllable and can be set on request.
- 5 V DC, 100 mA — powered from the host USB port through a micro-USB socket on the reader.
- Wide temperature rating — operates from -20 °C to +70 °C.



General	
Model	L130-U
Frequency	125 kHz
Form factor	Glossy desktop pad with light ring
Color	Black with silver edge

Cards & reading	
Supported cards	EM4100, TK4100, SMC4001 and EM4100-compatible cards and key fobs
Card operation	Read-only (card ID number)
Read range	0–80 mm (depends on card or tag)
Read time	Approx. 0.2 s
Read interval	0.5 s

Interface & output	
Interface	USB (micro-USB socket on reader), keyboard emulation
Driver	Not required
Output	Card ID typed at the cursor; format set to your requirement
Operating systems	Windows XP / Vista / 7 / 10, Linux, Android
Indicators	Blue power LED, green status LED, built-in buzzer (LED and buzzer controllable)

Physical & environment	
Dimensions	104 × 70 × 15 mm
Weight	Approx. 250 g
Power supply	5 V DC, 100 mA
Operating temperature	-20 °C to +70 °C

Works with

- ✓ EM4100, TK4100 and SMC4001 125 kHz cards
- ✓ EM4100-compatible key fobs
- ✓ Windows XP, Vista, 7 and 10
- ✓ Linux and Android hosts with USB keyboard support

Not designed for

- × Writing or copying cards (read-only reader)
- × 13.56 MHz MIFARE and NFC cards — use the H130-U
- × UHF EPC Gen2 tags — use the U130-U
- × Capturing reads when no input field has focus

OEM / ODM options (confirmed per order)

- ◆ Card-number output format set to your system on request
- ◆ Same housing for 13.56 MHz (H130-U) and UHF (U130-U) readers
- ◆ LED and buzzer behavior, for example silent operation, configured on request
- ◆ Private-label marking and packaging — scope confirmed in your quotation

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Specifications describe the standard version and may change without notice. Read range depends on the card or tag, mounting and environment. Pricing, configuration, lead time and terms are confirmed in your quotation.