

125KHZ RFID READERS

L210-U 125kHz USB Stick RFID Reader, Plug-In EM4100 Dongle

The L210-U is a 125 kHz RFID reader in a USB flash-drive format, 75 × 21 × 7 mm and about 10 g, for laptops, shared workstations and mobile staff. It plugs straight into a USB-A port, reads EM4100 and TK4100 cards and fobs at up to 80 mm, and types a 10-digit decimal number with no driver or cable.

- No cable — plugs directly into a USB-A port, like a flash drive.
- Pocket size — 75 × 21 × 7 mm and about 10 g, with a key ring.
- Keyboard output — types a 10-digit decimal card number at the cursor, with no driver.
- Up to 80 mm range — EM4100, TK4100 and SMC4001 cards and fobs, read in under 200 ms.
- Low power — 5 V DC at 100 mA from the host port.
- Android through OTG — types into Android apps via a USB OTG adapter on devices that support it.



General	
Model	L210-U
Frequency	125 kHz
Form factor	USB stick reader with key ring
Housing	ABS

Cards & reading	
Supported cards	EM4100, TK4100, SMC4001 and EM4100-compatible cards and key fobs
Card operation	Read-only (card ID number)
Read range	Up to 80 mm (depends on card and environment)
Read time	< 200 ms
Read interval	< 0.5 s

Interface & output	
Interface	USB-A plug (direct plug-in), keyboard emulation
Driver	Not required
Default output	10-digit decimal card number
Output options	Custom output format on request
Operating systems	Windows XP / Vista / 7 / 10, Linux, Android (USB OTG)
Indicators	LED and buzzer

Physical & environment	
Dimensions	75 × 21 × 7 mm
Weight	Approx. 10 g (approx. 40 g packed)
Power supply	5 V DC, 100 mA (USB)
Operating temperature	-10 °C to +70 °C
Storage temperature	-20 °C to +80 °C
Humidity	< 90 % RH

Works with

- ✓ EM4100, TK4100 and SMC4001 125 kHz cards and key fobs
- ✓ Windows XP, Vista, 7 and 10, and Linux
- ✓ Android phones and tablets with USB OTG support, via an OTG adapter

Not designed for

- ✗ Writing or copying cards (read-only reader)
- ✗ 13.56 MHz MIFARE and NFC cards — use the H210-U
- ✗ Direct USB-C connection — use the L220-C
- ✗ Capturing reads when no input field has focus

OEM / ODM options (confirmed per order)

- ◆ Card-number output format set on request
- ◆ 13.56 MHz stick version for MIFARE cards (H210-U)
- ◆ Printed marking on the stick (your logo in place of the standard print) — confirmed in your quotation
- ◆ Private-label 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.