

13.56MHZ NFC & HF RFID READERS

H310-U 13.56MHz NFC Card Reader with Numeric Keypad, USB

The H310-U combines a USB numeric keypad with a 13.56MHz card reader for membership, loyalty and canteen counters. Staff read a MIFARE Classic or NTAG203 card, at up to 50 mm for cards and 15 mm for key fobs, and key in amounts or codes on the same device. Card numbers arrive as 10 digits plus Enter.

- Keypad and reader in one — 0–9, F1–F5, Esc, Clear and Enter keys plus a 13.56MHz card reader on a single USB cable.
- Card number plus Enter — each read is typed as a 10-digit decimal number followed by Enter, which submits most lookup fields without an extra key press.
- One USB cable, no driver — keys and card reads both reach the host as keyboard input on Windows, Linux and Android.
- Short, counter-friendly range — cards up to 50 mm and key fobs up to 15 mm, which suits a counter where cards are presented one at a time.
- Compact footprint — 135 × 85 × 28 mm, about 100 g, 1.4 m cable, blue LED and buzzer.

PHOTO ON REQUEST

General	
Model	H310-U
Frequency	13.56 MHz
Form factor	USB numeric keypad with built-in card reader
Keys	0–9, F1–F5, Esc, Clear, Enter
Housing	ABS
Color	Black

Cards & reading	
Standard	ISO/IEC 14443A (UID read only)
Supported cards	MIFARE Classic 1K (S50), MIFARE Classic 4K (S70), NTAG203, other ISO 14443A cards (UID)
Read range	Cards up to 50 mm (about 30 mm for consistent reads); key fobs up to 15 mm
Read time	< 200 ms
Read interval	< 0.5 s

Interface & output	
Interface	USB human-input device (keyboard emulation, driver-free)
Card output	10-digit decimal + Enter
Operating systems	Windows XP, Vista, 7, 10; Linux; Android

Physical & environment	
Dimensions	135 × 85 × 28 mm
Weight	Net approx. 100 g; gross approx. 150 g
Cable length	1.4 m
Power	5 V DC (USB)
Indicators	Blue LED, buzzer
Operating temperature	-10 °C to +70 °C
Storage temperature	-20 °C to +80 °C
Humidity	< 90 % RH

Works with

- ✓ MIFARE Classic 1K (S50) and MIFARE Classic 4K (S70) membership cards (UID read)
- ✓ NTAG203 tags and other ISO 14443A cards (UID read)
- ✓ POS, membership, loyalty and ordering software that accepts keyboard input
- ✓ Windows XP, Vista, 7 and 10; Linux; Android through a USB OTG adapter

Not designed for

- × Bank or payment cards: this is not a payment terminal
- × Writing points or stored value to cards (read-only; balances stay in your software)
- × MIFARE DESFire / Plus, ISO 14443B, FeliCa and ISO 15693 cards (not in the supported list)
- × 125kHz EM4100 / TK4100 cards: use the L310-U

OEM / ODM options (confirmed per order)

- ◆ 125kHz version in the same keypad housing: L310-U
- ◆ Private-label marking and packaging for OEM orders, confirmed in your quotation
- ◆ Card output other than 10-digit decimal + Enter: ask, and feasibility is 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.