

13.56MHZ NFC & HF RFID READERS

H210-U 13.56MHz USB Stick NFC Reader for MIFARE Cards, Plug-In

The H210-U is a read-only 13.56MHz reader the size of a USB flash drive, 75 × 21 × 7 mm and about 10 g, that plugs straight into a USB-A port. It reads MIFARE Classic 1K/4K and NTAG203 UIDs at up to 80 mm and types them as 10-digit decimal numbers, also on Android through an OTG adapter.

- Plugs straight in — USB-A plug with no cable, 75 × 21 × 7 mm and about 10 g, with a protective cap and a key ring.
- USB keyboard, no driver — enumerates as a human-input device and types the card number at the cursor.
- Android through OTG — with an OTG adapter, card numbers go into any app on a phone or tablet that supports USB OTG.
- 10-digit decimal default — the 4-byte UID as a 10-digit number, with custom formats set before shipment.
- LED and buzzer confirm each read, with a read time under 200 ms.



General	
Model	H210-U
Frequency	13.56 MHz
Form factor	USB stick reader with cap and key ring
Housing	ABS

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	Up to 80 mm (depends on card and environment)
Read time	< 200 ms
Read interval	< 0.5 s

Interface & output	
Interface	USB-A plug, human-input device (keyboard emulation, driver-free)
Default output	10-digit decimal card UID (4 bytes)
Custom output	Custom output format on request
Operating systems	Windows XP, Vista, 7, 10; Linux; Android (via USB OTG adapter)

Physical & environment	
Dimensions	75 × 21 × 7 mm
Weight	Approx. 10 g (approx. 40 g packed)
Power	5 V DC from USB, 100 mA
Indicators	LED and 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) cards (UID read)
- ✓ NTAG203 tags and other ISO 14443A cards (UID read)
- ✓ Windows XP, Vista, 7 and 10; Linux
- ✓ Android phones and tablets with USB OTG, through an OTG adapter

Not designed for

- × Writing, encoding or copying cards (read-only reader)
- × iPhone and iPad (iOS is not on the supported list)
- × MIFARE DESFire / Plus, ISO 14443B, FeliCa and ISO 15693 cards (not in the supported list)
- × 125kHz EM4100 / TK4100 cards: use the L210-U stick

OEM / ODM options (confirmed per order)

- ◆ Custom output format set before shipment on request, for example 8-digit hex or reversed byte order
- ◆ Private-label marking and packaging for OEM orders, confirmed in your quotation
- ◆ 125kHz version in the same stick housing: L210-U

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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.