

13.56MHZ NFC & HF RFID READERS

H110-U 13.56MHz USB NFC / MIFARE
Card Reader, Slim Pad, No Driver

The H110-U is a read-only 13.56MHz desktop reader for MIFARE Classic 1K/4K and NTAG203 cards, built for card enrollment, attendance and membership desks. It connects over USB as a keyboard, needs no driver, reads at up to 80 mm and types each card UID as a 10-digit decimal number at the cursor.

- No driver, no SDK — the reader works as a USB keyboard and types the card number into whichever field has the cursor.
- 10-digit decimal by default — the 4-byte card UID is sent as a 10-digit decimal number, and other formats can be set before shipment.
- Reads up to 80 mm — MIFARE Classic 1K (S50), MIFARE Classic 4K (S70), NTAG203 and other ISO 14443A cards, with a read time under 200 ms.
- 10 mm slim pad — 104 × 68 × 10 mm and about 140 g with a 1400 mm USB cable, so it lies flat beside a keyboard.
- Clear feedback — red LED on standby, green LED and a beep on every successful read.



General	
Model	H110-U
Frequency	13.56 MHz
Form factor	Slim desktop card pad
Housing	ABS
Color	Black

Interface & output	
Interface	USB, 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)

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

Physical & environment	
Dimensions	104 × 68 × 10 mm
Weight	Approx. 140 g
Cable length	1400 mm
Power	5 V DC, USB bus-powered
Indicators	Red LED (standby), green LED (read success), 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 through a USB OTG adapter
- ✓ Any application with a text field: spreadsheets, web forms, access-control, attendance and POS software

Not designed for

- × Writing, encoding or copying cards (read-only reader)
- × Reading MIFARE sector data or NDEF records (URLs, text); only the UID is output
- × MIFARE DESFire / Plus, ISO 14443B and FeliCa cards (not in the supported list)
- × ISO 15693 ICODE tags: use the H155-U
- × 125kHz EM4100 / TK4100 cards: use the L110-U

OEM / ODM options (confirmed per order)

- ◆ Custom output format set before shipment on request, for example 8-digit hex, reversed byte order or an added Enter
- ◆ Same slim housing for other bands: L110-U (125kHz) and A110-U (134.2kHz animal tags)
- ◆ RS232 version in the same slim pad: H110-R
- ◆ Private-label marking and packaging for OEM orders, 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.