

13.56MHZ NFC & HF RFID READERS

H150-U 13.56MHz USB MIFARE Reader, Angled Desktop with Card Recess

The H150-U is a read-only 13.56MHz desktop reader with an angled top and card recess, for software that takes card numbers from a USB serial (UART-emulating) connection. It reads MIFARE Classic 1K/4K, NTAG203 and NTAG213 UIDs at up to 80 mm and outputs a 10-digit decimal number by default.

- Card recess — the angled 110 × 80 × 26 mm housing gives the card a fixed resting place while staff complete a record.
- USB with UART emulation — the reader emulates an RS232 UART over USB, for applications that read card data from a serial port.
- MIFARE and NTAG213 — MIFARE Classic 1K (S50), 4K (S70), NTAG203 and NTAG213 UIDs, up to 80 mm, in under 200 ms.
- Format options — 10-digit decimal by default, with custom formats and an optional DIP-switch format selector on request.
- Detachable cable — USB-A socket on the reader and a 1450 mm cable.



General	
Model	H150-U
Frequency	13.56 MHz
Form factor	Angled desktop reader with card recess
Housing	ABS
Color	Black

Cards & reading	
Standard	ISO/IEC 14443A (UID read only)
Supported cards	MIFARE Classic 1K (S50), MIFARE Classic 4K (S70), NTAG203, NTAG213, 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, RS232 UART emulation; USB-A socket on reader
Default output	10-digit decimal card UID
Custom output	Custom output format on request; optional DIP-switch format selection
Host systems	Windows XP, Vista, 7, 10; Linux

Physical & environment	
Dimensions	110 × 80 × 26 mm
Weight	Approx. 160 g
Cable length	1450 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 and NTAG213 tags; other ISO 14443A cards (UID read)
- ✓ Windows XP, Vista, 7 and 10; Linux
- ✓ Applications that read card data from a serial (COM) port

Not designed for

- ✗ Writing, encoding or copying cards (read-only reader)
- ✗ Reading MIFARE sector data or NDEF records; only the UID is output
- ✗ ISO 15693 ICODE tags: use the H155-U in the same housing
- ✗ MIFARE DESFire / Plus, ISO 14443B and FeliCa cards (not in the supported list)
- ✗ 125kHz EM4100 cards: use the L150-U

OEM / ODM options (confirmed per order)

- ◆ Custom output format set before shipment on request
- ◆ Same housing with RS232 (H150-R), ISO 15693 (H155-U) or 125kHz (L150-U) electronics
- ◆ Optional DIP-switch output-format selection, on request
- ◆ 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.