

134.2KHZ ANIMAL ID READERS

A140-U 134.2kHz FDX-B USB Compact Desktop Reader with Light Ring

The A140-U is a compact USB desktop reader for FDX-B (134.2 kHz) and EMID (125 kHz) animal tags, with a light ring that shows each read. It suits shared counters at clinics, shelters and farm offices, reads tags at up to 150 mm and types the number into any software without a driver.

- Visible read feedback — light ring, blue power LED, green status indicator and buzzer, for counters where several people use one reader.
- FDX-B and EMID — reads ISO 11784/11785 FDX-B tags at 134.2 kHz and EMID tags at 125 kHz.
- Keyboard output, no driver — the tag number is typed at the cursor in Windows, Linux or Android software.
- Up to 150 mm read range — tag dependent, with a read time under 100 ms and a 0.5 s read interval.
- Compact footprint — 105 × 65 × 15 mm and about 120 g, powered from USB at 5 V, 100 mA.



General	
Model	A140-U
Product type	USB desktop animal tag reader
Frequency	134.2 kHz (FDX-B) / 125 kHz (EMID)
Form factor	Compact desktop pad with light ring

Cards & reading	
Standards	ISO 11784, ISO 11785 (FDX-B), EM4100 (EMID)
Supported tags	FDX-B tags, EMID tags
Read range	0–150 mm (tag dependent)
Read time	< 100 ms
Read interval	0.5 s
Read/write	Read-only

Interface & output	
Interface	USB, human-input device (keyboard emulation)
Driver	Not required
Output	Tag number typed at the cursor
OS compatibility	Windows 7 / 10, Linux, Android
Indicators	Light ring, two-color LED (blue power, green status), buzzer; LED and buzzer controllable

Physical & environment	
Power	5 V DC, 100 mA (USB)
Dimensions	105 × 65 × 15 mm
Weight	approx. 120 g
Color	Black
Operating temperature	-20 °C to +70 °C

Works with

- ✓ ISO 11784/11785 FDX-B animal tags at 134.2 kHz
- ✓ EMID (EM4100-format) animal tags at 125 kHz
- ✓ Windows 7 and 10, Linux and Android hosts that accept a USB keyboard
- ✓ Clinic, shelter, herd-management and spreadsheet software with a text field

Not designed for

- ✗ Writing, programming or copying tags (read-only reader)
- ✗ HDX and FDX-A animal tags
- ✗ UHF tags — the same housing is used by the U140-U UHF reader/writer
- ✗ 13.56 MHz NFC / MIFARE cards

OEM / ODM options (confirmed per order)

- ◆ Light and buzzer feedback set for your counter (for example, buzzer off in quiet rooms) on request
- ◆ Private-label logo and retail packaging for distributors on request
- ◆ Tag number string to match your clinic or herd software; 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.