

134.2KHZ ANIMAL ID READERS

A110-U 134.2kHz FDX-B USB Desktop Reader for Animal Tags

The A110-U is a slim USB desktop reader for ISO 11784/11785 FDX-B and 125 kHz EMID animal tags, built for tag registration desks and animal, fish or feeder management software. It reads tags at up to 150 mm, types the number at the cursor like a keyboard and needs no driver.

- FDX-B and EMID in one reader — reads ISO 11784/11785 FDX-B tags at 134.2 kHz and EMID tags at 125 kHz.
- No driver or SDK — the reader connects as a USB human-input device and types the tag number wherever the cursor is.
- Up to 150 mm read range — the actual distance depends on the size and type of tag.
- Quick repeat reads — read time under 100 ms with a 0.5 s read interval.
- 10 mm slim pad — 104 × 68 × 10 mm and about 140 g, with a two-color LED and buzzer for read feedback.
- Shared housing — same pad as the 125 kHz L110-U and 13.56 MHz H110-U, so mixed sites can standardize on one desk reader shape.



General	
Model	A110-U
Product type	USB desktop animal tag reader
Frequency	134.2 kHz (FDX-B) / 125 kHz (EMID)
Form factor	Slim desktop pad

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	Two-color LED and buzzer (controllable)

Physical & environment	
Power	5 V DC, 100 mA (USB)
Dimensions	104 × 68 × 10 mm
Weight	approx. 140 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
- ✓ Spreadsheets, web forms and any software with a text field

Not designed for

- ✗ Writing, programming or copying tags (read-only reader)
- ✗ HDX and FDX-A animal tags
- ✗ 13.56 MHz NFC / MIFARE cards — use the H110-U
- ✗ Reading animals in pens or races — use a handheld or the A660-M panel reader

OEM / ODM options (confirmed per order)

- ◆ Buzzer and LED behavior (for example, buzzer off) set before shipment on request
- ◆ Your logo on the top cover and your own packaging for private-label supply on request
- ◆ Output string for FDX-B and EMID reads to suit your database; 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.