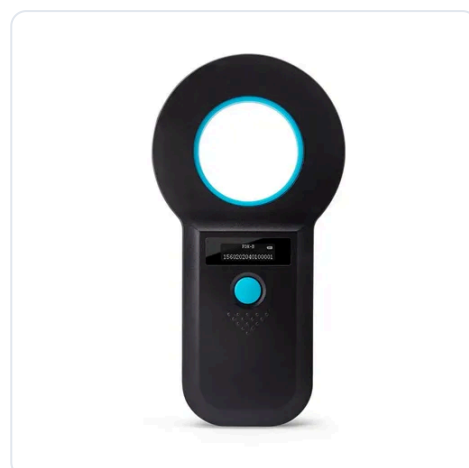


134.2KHZ ANIMAL ID READERS

A520-M Handheld 134.2kHz FDX-B Microchip Reader, USB / 2.4G / Bluetooth

The A520-M is a ring-antenna handheld for FDX-B and EMID animal tags, for vet clinics, shelters and farms. It reads 2–12 mm glass microchips at more than 8 cm and 30 mm ear tags at more than 20 cm, shows the ID on a 0.91-inch OLED, stores 128 records and uploads over USB, 2.4G or Bluetooth.

- Range by tag type — more than 8 cm on 2–12 mm glass microchips and more than 20 cm on 30 mm ear tags.
- Three upload paths — USB 2.0 cable, 2.4G wireless receiver or Bluetooth, in real time or as a batch.
- 128-record memory — scan away from the computer and upload the stored IDs later.
- One-button operation — a 0.91-inch high-brightness OLED and a buzzer confirm each read.
- Rechargeable, 120 g — 3.7 V lithium battery; black or white housing with a blue ring.
- Display language — English as standard, other languages on request.



General	
Model	A520-M
Product type	Handheld animal tag reader
Frequency	134.2 kHz (FDX-B) / 125 kHz (EMID)
Form factor	Ring-antenna handheld with OLED and single button

Cards & reading	
Standards	ISO 11784, ISO 11785 (FDX-B), EM4100 (EMID)
Supported tags	FDX-B (ISO 11784/11785) animal tags, EMID tags
Read range, 2–12 mm glass tube	> 8 cm (tag dependent)
Read range, 30 mm ear tag	> 20 cm (tag dependent)
Read time	< 100 ms
Read/write	Read-only

Interface & data	
Interfaces	USB 2.0, 2.4G wireless, Bluetooth
Upload	Real-time or batch upload of stored records
Memory	128 records
Display	0.91-inch high-brightness OLED
Feedback	Buzzer
Display language	English (other languages on request)

Physical & environment	
Power	3.7 V rechargeable lithium battery
Weight	120 g
Color	Black or white, blue ring
Operating temperature	-10 °C to +50 °C
Storage temperature	-30 °C to +70 °C
Package size	185 × 120 × 30 mm

Works with

- ✓ ISO 11784/11785 FDX-B glass-tube microchips and ear tags at 134.2 kHz
- ✓ EMID (EM4100-format) animal tags at 125 kHz
- ✓ Hosts with a USB port, a 2.4G receiver or Bluetooth

Not designed for

- ✗ Writing, programming or copying tags (read-only reader)
- ✗ HDX and FDX-A animal tags, so it is not a universal scanner
- ✗ Barcode scanning — use the A540-M
- ✗ UHF tags — the same housing is used by the U520-M

OEM / ODM options (confirmed per order)

- ◆ OLED display language other than English on request
- ◆ Bluetooth device name under your brand on request
- ◆ Black or white housing
- ◆ Your logo and packaging for private-label distribution on request

Henrium · henrium.com · sales@henrium.com

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.