

134.2KHZ ANIMAL ID READERS

A220-C USB-C 134.2kHz FDX-B Animal Tag Reader for Android Phones

The A220-C plugs into the USB-C port of an Android phone or tablet and reads FDX-B (134.2 kHz) and EMID (125 kHz) animal tags at 0–30 mm. It types the tag number into whatever app has focus, as a 10-digit decimal by default, so field staff need no extra app. It weighs about 20 g.

- Adds 134.2 kHz to a phone — phone NFC works at 13.56 MHz and cannot read animal microchips; the A220-C reads FDX-B and EMID tags.
- No app required — the tag number is typed at the cursor in any Android app, form or spreadsheet.
- Powered by the phone — draws 5 V at 100 mA from the USB-C port; there is no battery to charge.
- 35 × 35 × 7 mm, about 20 g — small enough to stay plugged in; black or white housing.
- 10-digit decimal by default — custom output formats on request to match your app.
- Two-color status LED — blue shows power, green shows status.



General	
Model	A220-C
Product type	USB-C plug-in animal tag reader for phones and tablets
Frequency	134.2 kHz (FDX-B) / 125 kHz (EMID)
Form factor	Plug-in module with USB Type-C connector

Cards & reading	
Standards	ISO 11784, ISO 11785 (FDX-B), EM4100 (EMID)
Supported tags	FDX-B tags, EMID tags
Read range	0–30 mm (tag dependent)
Read time	< 100 ms
Read interval	0.5 s
Read/write	Read-only

Interface & output	
Interface	USB Type-C plug (OTG)
Output	Tag number typed at the cursor; 10-digit decimal (4 bytes) by default; custom formats on request
Host devices	Android phones and tablets with USB OTG; Windows XP / 7 / 10 through an OTG adapter
App	Not required
Indicators	Two-color LED (blue power, green status)

Physical & environment	
Power	5 V from host, 100 mA
Dimensions	35 × 35 × 7 mm (without connector)
Weight	approx. 20 g
Package	71 × 71 × 19 mm, approx. 50 g packed
Color	Black or white
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
- ✓ Android phones and tablets with a USB-C port and OTG support
- ✓ Windows XP, 7 and 10 PCs through an OTG adapter

Not designed for

- × Writing, programming or copying tags (read-only reader)
- × HDX and FDX-A animal tags
- × iPhone and iPad (not listed as supported hosts)
- × Phones without USB OTG support
- × 13.56 MHz NFC cards — use the H220-C

OEM / ODM options (confirmed per order)

- ◆ Output format matched to your app (default 10-digit decimal) on request
- ◆ Your logo and retail packaging for private-label supply on request
- ◆ Black or white housing

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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.