

134.2KHZ ANIMAL ID READERS

A660-M Long-Range 134.2kHz FDX-B Panel Reader, RS232 / RS485

The A660-M is a fixed 260 × 260 mm panel reader for FDX-B and EMID animal tags, for integrators building feeding stations, race and gate readers or weigh-scale systems. It reads tags at 40 cm ± 5 cm (tag dependent), sends the number over RS232 or RS485 and has a resin-potted PVC housing.

- About 40 cm read range — 40 cm ± 5 cm on FDX-B and EMID tags, depending on the tag.
- Serial output — RS232 for short runs, RS485 for longer cable runs to a controller, PLC or PC.
- Fast reads — read time under 0.1 s and a read interval under 0.5 s.
- Resin-potted housing — PVC with a sprayed finish, 260 × 260 × 35 mm, about 1.5 kg.
- Simple mounting — four holes on a 220 × 220 mm pattern; three LED indicators and a buzzer.



General	
Model	A660-M
Product type	Fixed long-range animal tag panel reader
Frequency	134.2 kHz (FDX-B) / 125 kHz (EMID)
Form factor	Wall or bracket panel with integrated antenna

Cards & reading	
Standards	ISO 11784, ISO 11785 (FDX-B), EM4100 (EMID)
Supported tags	FDX-B (ISO 11784/11785) tags, EMID tags
Read range	40 cm ± 5 cm (tag dependent)
Read time	< 0.1 s
Read interval	< 0.5 s
Read/write	Read-only

Interface & output	
Interfaces	RS232, RS485
Wiegand	Wiegand 26 / 34 listed; wiring confirmed in your quotation
Wiring	Red DC+, black GND, white RS232 TX, gray RS485 B, purple RS485 A
Indicators	3 LEDs, buzzer

Physical & environment	
Power	12 V DC (supply range confirmed in your quotation)
Dimensions	260 × 260 × 35 mm
Mounting hole spacing	220 × 220 mm
Weight	approx. 1.5 kg
Housing	PVC with sprayed finish, resin-potted
Color	Black
Operating temperature	-20 °C to +55 °C
Humidity	< 90 % RH, non-condensing
Package size	270 × 285 × 40 mm

Works with

- ✓ ISO 11784/11785 FDX-B ear tags and transponders at 134.2 kHz
- ✓ EMID (EM4100-format) animal tags at 125 kHz
- ✓ Controllers, PLCs and PCs with an RS232 or RS485 serial input
- ✓ Feeding-station, gate and weigh-scale controllers

Not designed for

- ✗ Writing, programming or copying tags (read-only reader)
- ✗ HDX and FDX-A animal tags
- ✗ Direct USB connection — use a USB-to-RS232 or USB-to-RS485 adapter on the PC
- ✗ Mounting directly on large steel plates

OEM / ODM options (confirmed per order)

- ◆ Serial output string agreed against your controller or PLC, confirmed in your quotation
- ◆ Front label printed with your brand on request
- ◆ Wiegand 26 or 34 output wiring 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.