

DATAMARS

F310 READER



Customer benefits:

- Stationary reader with high reading performance (reading of ISO 11784/5 and ISO 11784-AMD1 FDX-B and HDX)
- Auto tuning feature to always assure to best reading distances
- Synchronisation feature to reduce interference between readers
- Long-lasting rechargeable battery and battery indicator
- User memory over > 2GB (> 2 millions records)
- USB, RS232 and Bluetooth interfaces for data transfer to PC
- Dedicated livestock application software "Rumisoft" included
- MS Windows compatible
- Additional antenna Gesant can be purchased separately

Product description:

The new Datamars F310 reader has been designed to be perfectly used for working in outdoor and indoor field conditions. The F310 reads FDX-B and HDX transponders accordingly to ISO Standards 11784/5 and 11784-AMD1.

Thanks to its long-lasting Lithium battery it allows long working sessions and it can store more than 2.000.000 electronic IDs. Data can be transferred to PC via Bluetooth, USB or RS232.

The reader can be connected with other readers F310 and operate in synchronised mode without interfering.

The external Gesant antenna can be purchased separately allowing also dynamic reading of animals.

TECHNICAL DATA:

Dimensions:	250 (L) x 170 (H) x 125 (P) mm
Weight:	2.25 Kg
Operating temperature:	-5°C to +55°C, 85% RH, non condensing
Storage temperature:	-20°C to +65°C, 85% RH, non condensing
Power supply:	Rechargeable battery (Lithium polymer): 12.6 V/ 3750mAh 110/240 VAC and/or 12-14 VDC as battery charger
Interfaces:	USB, RS232 and Bluetooth
Transmission frequency:	134.2 kHz
Memory:	≥ 2 GByte (≥ 2 million of records)
Typical reading distance: (depending on tag)	FDX-B: 85 cm HDX: 105 cm
Approved by:	CE Certification Australian Conformity Declaration
IP Level:	IP 66
Standards:	ISO 11784/5 and ISO 11784-AMD1 ISO 24631-2
Antenna Gesant:	Polyethylene Cable length 2.5 m Cattle Antenna: 580 (L) x 1080 (H) x 20 (P) mm, Weight: 5.5 Kg Sheep Antenna: 380 (L) x 780 (H) x 20 (P) mm, Weight: 3.5 Kg

Subject to change without notice



DATAMARS, global leader for high-performance RFID solutions, offers the right traceability solution for the livestock industry.

Our performing identification systems help ranchers and farmers worldwide monitor and manage livestock daily.

DATAMARS employs around 350 people globally with offices in Europe, Asia, and the Americas.

DATAMARS

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