

READING MODULE F-210 FOR RACEWAY



Customer benefits:

- Reading of ISO 11784/5 and ISO 11784-AMD1 FDX-B and HDX
- Resistant to interference, providing a high quality performance
- Uses safe, reliable, low frequency radio-waves
- Reads through all non-conductive materials
- Indicator lamp as confirmation for a successful reading
- Rechargeable battery
- Possibility to transfer data collected in real time
- MS Windows software compatible (Gesmanga) for PC
- Available upon request also with external antenna GesANT

Product description:

The reading module F-210, especially designed and developed for reading of animals in motion, reads transponders ISO FDX-B and HDX in accordance to ISO Standard 11784/5 and ISO 11784-AMD1. It allows efficient reading of any animal which has been given an electronic ID device.

The F-210 can be docked to a PC for transfer of data with accompanying software. Delivered in a practical suitcase with power cable and CD-ROM with software and manuals, the reading module can be connected to an external antenna GesANT in thermoplastic material, suitable for working under any field conditions.

The reader is homologated by the European Community (CE).

TECHNICAL DATA:

Dimensions:	34.5 x 22.5 x 11 cm	
Weight:	3.5 Kg	
Operating temperature:	-10°C to +55°C, 85% RH, non condensing	
Storage temperature:	-40°C to +85°C, 85% RH, non condensing	
Power supply:	Integrated lead battery (12 V/3.4 Ah, 220 Vac – 110 Vac optional) as power supply and charger	
Interfaces:	RS 232 (optionally Bluetooth) Serial port parameters: ASCII – 9600,8,N,1	
Transmission frequency:	134.2 kHz	
Typical reading distance:	34 mm FDX-B	Up to 60 cm
	32 mm HDX	Up to 105 cm



External antenna GesANT
(upon request):

Material: Thermoplastic - Polypropylene
Cable length: 1 m
Large for **Cattle – Buffalos**: 124 x 74 cm, 7 Kg
Medium for **Sheep – Goats**: 94 x 54 cm, 5 Kg

Approved by:

CE
European Commission JRC-ISPRA
(No. JRC/020/1997)

Standards:

ISO 11784/5 and ISO 11784-AMD1

Subject to change without notice

DATAMARS is a leading global supplier with a 20-year industry expertise in high performance identification solutions based on RFID technology.

Having extended its product portfolio to Ruminant's identifiers, readers and antennas, developed and sold internationally for more than 20 years for fast and reliable livestock identification, DATAMARS works to provide farmers around the world with products and support that facilitate their daily work thanks to the use of electronic identification.

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