

# DATAMARS

## ISO MAX V

Universal portable reader

Customer benefits:

- Optimized reading distance and speed with DSP technology
- Reading of ISO 11784/5 FDX-B and HDX, backwards compatible with FDX-A/FECAVA, Avid encrypted and Trovan transponder
- Resistant to interference, providing a high quality performance
- Uses safe, reliable, low frequency radio-waves
- Reads through all non-conductive materials
- Lightweight and ergonomic shape, easy to handle
- Beeper as confirmation for a successful reading
- Graphic LCD with backlight
- Fast rechargeable battery (2 hours)
- Friendly user interface with improved menu setting
- Possibility to record date & time with ID code
- Possibility to download all codes
- Available with Bluetooth

Product description:

The new ISO MAX V is based on DSP technology (Digital Signal Processing), which guarantees best reading distance and an outstanding reading robustness against interfering signals, such as TV, PC, etc.

The ISO MAX V is the only scanner reading most kinds of transponder available on the market: it reads ISO tags FDX-B and HDX and is backwards compatible with FDX-A/FECAVA, Avid encrypted and Trovan microchip. The ISO MAX V is the optimal reader to be placed at entry points, customs, airports and ports as well as for professional use in veterinary practices, clinics and animal shelters. It is also ideal for scanning larger animals like horses.

The ISO MAX V stores up to 2000 codes in memory and it is possible to record date and time together with the transponder code. The menu options allow the setting of further tools, such as the searching of a selected code out of a large group of animals.

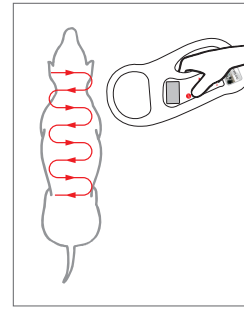
Connectable to any PC with a USB or RS 232 interface, the reader is delivered in a practical suitcase which includes the operation manual, the USB communication cable and the software WinMax for data download.



## KEYS TO EFFECTIVE SCANNING:

1. Hold the scanner close to or touching the pet
2. Scan slowly and patiently
3. Rock the scanner back and forth slightly while scanning because implanted chips are in various orientations
4. Begin and concentrate scanning at the cranio-dorsal aspect of the pet
5. Scan in a horizontal then a vertical "S" pattern down the pet as shown in the diagram
6. Consider scanning each pet more than once

- When a lost animal is found, check the transponder code to retrieve its registration information from the PETMAXX search engine or other similar search tools
- Make sure the animal's transponder is working before travelling
- Check the transponder regularly



## TECHNICAL DATA:

Dimensions:	33 x 16 x 4 cm	
Weight:	450 g	
Operating temperature:	-5°C to +45°C, 95% RH, non condensing	
Operating temperature: (while battery under charge)	0 to +40°C, 95% RH, non condensing	
Storage temperature:	-40 to +70 °C, 95% RH, non condensing	
Power supply:	Fast rechargeable battery (Li-ion type) Charger input: 100 to 240 VAC Battery lasts for more than 500 charge cycles	
Interfaces:	USB port with communication cable included or RS 232 with communication cable included Bluetooth wireless interface (optional)	
Transmission frequency:	134.2 kHz	
Memory:	2000 codes (possibility to record date & time with ID code)	
Standard reading distance:	FDX-B	up to 25 cm
	HDX	up to 45 cm
	FDX-A/FECAVA	up to 15 cm
	Avid encrypted	up to 15 cm
	Trovan	up to 10 cm
Housing:	White ABS	
Approved by:	CE / FCC	
Standards:	ISO 11784/5 Non-synchronizing transceiver	
Environment protection:	IP40	
Subject to change without notice		



DATAMARS' innovative RFID-based solutions are the result of more than 20 years of industry experience that have enabled the company to establish itself as the global market leader in the companion animal identification market. Having driven the development of ISO standards for companion animal identification, DATAMARS works with pharmaceutical companies, shelters, kennel clubs and charitable organizations to deploy its unique pet identification and reunification solution to improve the lives of companion animals around the world.

## DATAMARS

### Americas Headquarters:

250 West Cummings Park  
Woburn, MA 01801, USA  
Phone: +1 781 281 2216  
Fax: +1 781 300 7330

### Corporate Headquarters:

Via ai Prati  
6930 Bedano-Lugano  
Switzerland  
Phone: +41 91 935 73 80  
Fax: +41 91 945 03 30

animal-id@datamars.com

www.datamars.com

### Asia Headquarters:

Northern Region Industrial Estate  
179/1 Moo 4, T. Ban Klang, A. Muang  
Lamphun, Thailand 51000  
Phone: +66 53 582 021  
Fax: +66 53 582 680