

DATAMARS

READER

R-IN7500 NMS
LF – single read



Customer benefits:

- Can handle two antennas
- Very fast reading < 20 msec
- Including power supply and RS232 serial port
- Digital I/O for local reading control
- Noise Measuring System (NMS)
- Easy to understand data protocol
- DOS and Windows configuration software
- CE and FCC approval
- Best fit with the external buzzer box (light & sound)
- Available as DUO Reader – Datamars & Motorola compatible reader
- RS-485, USB and other I/O available on request

Product description:

The DATAMARS R-IN7500 NMS Industrial reader has been developed for all applications where a very fast reading process is required. The very short reading time (less than 20 milliseconds) makes it suitable for most conveyor systems even with high transportation speeds. Up to two antennas can be connected to the reader. One serial interface as well as two digital inputs and one digital output for local reading control are provided. The R-IN7500 has been developed to sustain vibrations, humidity and operates without fan. The Noise Measuring System enables the operator to measure and find out the source of any disturbing noise. It best fits with the new Central Noise Canceling antenna systems as complete plug & play device. An external add on device (the buzzer box), which alerts the operator at each reading by means of an acoustic signal and/or a high visibility lamp, is available as an option.

TECHNICAL DATA:

Weight:	Without casing	0.7 kg
	With casing	3.45 kg
Dimensions:	Without casing	107 x 130 x 195 mm
	With casing	235 x 143 x 248 mm
Temperature:	Storage:	- 20°C – + 70°C
		- 4°F – + 158°F
	Operating:	- 15°C – + 60°C
		+ 5°F – + 140°F
Connection:	Antennas	2x DIN 6
	Communication	SUB-D 9 Pin Digital I/O
Reading distance:	Up to 700 mm (depending on transponder / antenna)	
Reading speed:	< 20 msec / reading	
	< 50 msec for complete reading cycle	
Interface	RS232 (9600 baud standard up to 38'400) RS485 and other interfaces on request	
Conforms to the following regulations:	CE, FCC	
Power requirements	80 – 240 V AC / 30 W	
Ordering information	Reader US Version R-IN7500 US	
	Reader EU Version R-IN7500 EU	

Subject to change without notice

DATAMARS, the inventor of the LaundryChip™, offers innovative RFID-based solutions which are the result of 20 years of industry experience that have enabled the company to establish itself as the global market leader in the textile identification market, with more than 700 clients in 24 countries and over 75 million RFID chips in use. DATAMARS RFID solutions are renowned for their accuracy and reliability by all equipment manufacturers serving the textile service industry.

These solutions can be tailored to specific customer requirements and are completed by attractive service & support offerings.

DATAMARS

Americas Headquarters:
8433 South Av. Bldg., 4-2
Youngstown, OH 44514 USA
Phone: +1 330 758 1240
Fax: +1 330 758 3805

Corporate Headquarters:
Via ai Prati
6930 Bedano-Lugano
Switzerland
Phone: +41 91 935 73 80
Fax: +41 91 945 03 30
textile-id@datamars.com
www.datamars.com

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