

# POCKETREADER®

## UNIVERSAL WIRELESS RADIO-FREQUENCY IDENTIFICATION (RFID) READERS

### DESCRIPTION

The PocketReader® series offers two durable and versatile radio-frequency identification (RFID) reader models that are ideal for companion animal veterinary practices, pet rescue shelters and low-volume manual scanning operations. Additionally, they can serve as effective back-ups for large automated systems.

Both PocketReaders also have the added value ability to scan Bio-Thermo® technology enabled microchips to provide body temperature readings quickly and conveniently, a feature patented by Destron Fearing™.

### PRODUCT FEATURES

- Reads all ISO-compliant microchips/tag technologies
- Liquid crystal display exhibits encrypted ID code and temperature
- 3" (7.6 cm) read range for PocketReader
- 32° to 122° F (0° to 50° C) temperature range
- 4" (10.2 cm) read range for PocketReader EX
- FCC, IC and CE approved

### ADVANTAGES

- Antenna and reader are built into one hand-held unit to provide ease of use and excellent read range capabilities:
  - 3" (7.6 cm) for PocketReader
  - 4" (10.2 cm) for PocketReader EX
- Both models read all ISO-compliant microchips/tag technologies (11784 / 11785), including AVID® encrypted transponders, Datamars®, TROVAN® and HDX microtransponders.
- A liquid crystal display exhibits the encrypted microchip number when successfully scanned.
- If microchips are enabled with Bio-Thermo technology, PocketReaders can also display temperature readings in milliseconds instead of minutes.
- Scanned tag information can be transmitted to a computer via tethered cable connections, if needed.
- Readers feature a field programmable port for custom applications, while an external serial device can be attached for data logging.
- Powered by a 6V rechargeable battery, each reader can operate for 8 hours or capture 2,000 scans when fully charged.
- Rugged, dust-proof and water resistant construction is designed to perform reliably in harsh conditions, including temperature ranges of 32° to 122° F (0° to 50° C).
- One-year warranty.



## PRODUCT SPECIFICATIONS

### POCKETREADER

CONSTRUCTION	Acrylonitrile-Butadiene-Styrene Plastic
DIMENSIONS	6 <sup>2</sup> / <sub>3</sub> " L x 3 <sup>1</sup> / <sub>4</sub> " W x 1 <sup>1</sup> / <sub>3</sub> " H (16.9 cm x 8.3 cm x 3.4 cm)
WEIGHT	11 oz (311.8 g)
INTERFACE	RS232 Serial output
APPROVALS	FCC part 15 class A. CE M.
FREQUENCY	ISO 134.2 kHz and 125 kHz
READ RANGE	3" (7.6 cm) at optimal orientation. User environment may affect read range.
OPERATING TEMPERATURE RANGE	32° to 122° F (0° to 50° C)
POWER	4 AAA 1.5V batteries

### POCKETREADER EX

CONSTRUCTION	Acrylonitrile-Butadiene-Styrene Plastic
DIMENSIONS	11 <sup>1</sup> / <sub>4</sub> " L x 3 <sup>1</sup> / <sub>4</sub> " W x 1 <sup>1</sup> / <sub>3</sub> " H (28.6 cm x 8.3 cm x 3.4 cm)
WEIGHT	1 <sup>1</sup> / <sub>4</sub> lbs (0.6 kg)
INTERFACE	RS232 Serial output
APPROVALS	FCC part 15 class A. CE M.
FREQUENCY	ISO 134.2 kHz and 125 kHz
READ RANGE	6" (15.2 cm) at optimal orientation. User environment may affect read range.
OPERATING TEMPERATURE RANGE	32° to 122° F (0° to 50° C)
POWER	4 AA 1.5V batteries or 6V AC power adapter

## ACCESSORIES

ITEM	PRODUCT NUMBER
6V AC power adapter	AY0040 (PocketReader EX only)
Serial Cable	IR5100

## WARRANTY

The PocketReader and the PocketReader EX are warranted for one year from the date of purchase against defects in materials and workmanship when used as directed. Use of the reader for functions other than microchip/tag scanning may permanently damage the components and void the warranty. See official warranty statements in product manuals for full details.

## PACKAGING SPECIFICATIONS

Item	Product Number	Package Dimensions	Package Weight	# Packages Per Carton	Carton Dimensions	Carton Weight
PocketReader	HS9002BS37ENG	13" L x 5 <sup>1</sup> / <sub>2</sub> " W x 2 <sup>1</sup> / <sub>2</sub> " D (33.0 cm x 14.0 cm x 6.4 cm)	1 <sup>1</sup> / <sub>4</sub> lbs (0.6 kg)	Up to 10	14" L x 6" W x 2 <sup>1</sup> / <sub>2</sub> " D (35.6 cm x 15.2 cm x 6.4 cm)	14 lbs (6.4 kg)
PocketReader EX	HS7102BL37ENG	13" L x 5 <sup>1</sup> / <sub>2</sub> " W x 2 <sup>1</sup> / <sub>2</sub> " D (33.0 cm x 14.0 cm x 6.4 cm)	1 <sup>2</sup> / <sub>3</sub> lbs (0.8 kg)	Up to 10	14" L x 6" W x 2 <sup>1</sup> / <sub>2</sub> " D (35.6 cm x 15.2 cm x 6.4 cm)	19 lbs (8.6 kg)

Manufactured by:  
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