



## EARTRACE HANDHELD READER RH7

### Efficient Livestock Identification

Smartrac's EARTRACE Handheld Reader RH7 offers a powerful solution for livestock identification and is designed to read RFID transponders from larger distances, for example LF ear tag transponders of farm animals such as cattle, sheep, goats or pigs. Another use case are animals to which a certain distance needs to be maintained, for examples in zoos and wildlife.

Despite its robust design the handling is easy. The reading performance is remarkable due to the integrated antenna and sophisticated circuitry and data analysis.

The Reader RH7 is compliant to animal ISO standards 11784, 11785 and 14223 and can also read transponders using FDX-A and EM4102 read-only protocols.

The 4-line OLED display allows simple and convenient configuration, operation and display of transponder data.

The user interface offers 7 different languages (English, French, Spanish, Portuguese, Italian, German and Polish).

A USB cable (mini connector) is used for charging the integrated battery as well as for transferring ID data to a computer.

#### Overview

##### Operating Frequency

134.2 kHz

##### Supported Standards

- ▶ ISO 11784
- ▶ ISO 11785 FDX-B & HDX
- ▶ ISO 14223
- ▶ FDX-A, EM4102 read-only

##### Display & Status Indicators

- ▶ OLED display
- ▶ 4 lines x 16 characters
- ▶ Status LED, buzzer

##### Memory

- ▶ Up to 800 ID numbers

##### Connectivity

- ▶ Mini USB port
- ▶ Bluetooth®

##### Battery

- ▶ Li-ion battery, 5000 mAh
- ▶ Chargeable via USB

##### Dimensions

- ▶ 660 × 65 × 48 mm

##### Weight

- ▶ 460 g

##### Certifications

- ▶ CE & FCC

# EARTRACE HANDHELD READER RH7

Efficient Livestock Identification

Device	Frequency	Package	Product Code
EARTRACE RH7	134.2 kHz	690 × 100 × 100mm	800505

Included in delivery:

EARTRACE RH7 READER, rechargeable battery pack, mini USB cable, product instructions

**Contact: Animal Identification**

Smartrac Specialty GmbH · Gewerbeparkstr. 10 · 51580 Reichshof-Wehnrath · Germany  
Phone: +49 2265 9919 0 · Fax: +49 2265 9919 11 · [animalid@smartrac-group.com](mailto:animalid@smartrac-group.com)

**Contact: Sales & Customer Service**

[smartrac-group.com/contact](http://smartrac-group.com/contact)

**Smartrac N.V. · Strawinskylaan 851 · 1077 XX Amsterdam · The Netherlands**

Phone: +31 20 30 50 150 · Fax: +31 20 30 50 155