

RT100 HAND-HELD LF RFID READER DATASHEET

OVERVIEW

The RT 100 is a convenient hand-held RFID tag scanner for low frequency tags, including FDX-B tags, used for tagging domestic and agricultural animals. It is popular with veterinarians. It is compact but has excellent performance with a scanning distance of 5 to 8cm depending on the tag in use and its orientation towards the scanner.

RT100 has an on-board memory able to hold up to 1000 tag identities for later transmission to a host system. Connection is possible over one of two links; RT100 is available with either USB or with Bluetooth connection. The USB version includes a USB cable.

It can read transponders of type FDX B (ISO standard), type FDX A (Destron, AVID, AEG) and HDX (Texas Tiris).



SPECIFICATIONS

Power Requirements:	9V alkaline or lithium battery of type PP3. Do not use saline batteries.
Interface	USB 2.0 or Bluetooth
Typical Max Read Range	Up to 8cm (depending on type of transponder)
Frequency:	125 – 134.2kHz
Compatible Transponders	ISO FDX-B, FDX-A Q5 UNIQUE/EM 4102 TIRIS HDX
Integrated Antenna:	Yes.
Audio/Visual Indication	2 line, 16 character LCD display (6 languages)
Operation Temp:	-0°C ~ +40 °C
Dimensions:	155 x 80 x 33 mm
Interface Cable:	USB cable on USB version only.
Weight:	140g
Material:	ABS housing
Colour:	White / Grey

About CoreRFID

Contact us at:

CoreRFID Ltd, Dallam Court, Dallam Lane, Warrington, U.K. WA2 7LT

T: +44 (0) 845 071 0985 F: +44 (0) 845 071 0989 W: www.corerfid.com E: sales@corerfid.com