



DATA SHEET

RT100 HANDHELD LF RFID READER

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

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|--------------------------|---|
| 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 – 134.2 kHz |
| 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 |
| Weight: | 140g |
| Material: | ABS Housing |
| Colour: | White/grey |

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