



MTR-1310

Small Batch Reader



Overview

The Small Batch Reader (**MTR-1310**) is an application specific RFID read/write tunnel for Magellan's PJM StackTag®.

It is intended for applications where it is necessary to read tightly stacked small items quickly and reliably.

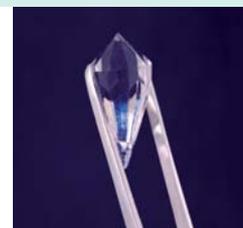
Product Description

The **MTR-1310** is a single axis small tunnel reader designed to read and write up to 200 PJM StackTag® simultaneously.

The **MTR-1310** is well suited to meet the needs of the diamond or healthcare industry where the frequent taking of inventories to locate, refill or control items is important.

The **MTR-1310** features:

- Reliable identification and read up to 150 stacked items tagged with PJM StackTag® labels in less than 1 second
- Operates with PJM StackTag® or PJM ItemTag®
- Aperture of 130 mm wide and 100 mm high
- No interference between multiple tunnels placed in close proximity to each other
- Fast operation on 2 reply channels
- A powerful processing platform allowing for stand-alone reader operation
- Very good connectivity offering both Ethernet and USB interfaces
- One-hand carry
- Complies with ISO/IEC 18000-3 Mode 2



Specifications

- Read and write operations
 - No manual calibration needed
 - No user-serviceable parts
 - ISO/IEC Compliance: 18000-3 Mode 2
 - Operating frequency 13.56 MHz
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- Internal aperture: 130 x 100 mm
 - External dimensions (L x W x H): 310 x 168 x 166 mm
 - Net weight: 1.5 kg
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- Operation range: Internal Volume
 - Low voltage input: 12 VDC @ 500 mA
 - Operation environment: Indoor use
 - Temperature range: +10°C to +45°C
 - Humidity: 10% to 80% (non-condensing)
 - Minimum host computer requirements:
Windows XP SP2/ 500 MHz CPU/ 128MB RAM
 - Host interface: USB and Ethernet



For further information on technology, delivery terms and conditions and prices please contact your nearest Magellan Technology office:

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About Magellan

Magellan Technology Pty Ltd, Sydney, Australia, is a technology developer, manufacturer and licensor of advanced read/write 13.56 MHz RFID systems. Magellan designs and offers RFID chips, inlets, a complete portfolio of reader/writers and operating software. Magellan's Phase Jitter Modulation (PJM) technology complies with the International Standard ISO/IEC 18000 Part 3 Mode 2.