

StackTags.com
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The Small Batch Reader Programmer is an RFID read / write device designed specifically as a reader for StackTag. Unlike all other RFID tags, StackTag can be stacked and will function with zero separation between tags.

The reader is designed to read and write to a tray of 100 envelopes with each containing a valuable article. For this application StackTags can have either an adhesive backing or be placed on or in each envelope.

The MTR 1310 is designed to operate as a stand alone peripheral device, communicating with a host (such as a normal PC) via an RS-232 serial channel and operates on a 12V DC power supply.

The unit measures 31.0cm D x 16.8cm H x 16.6cm W and weighs 1.5 kg without the power supply.

Batch Reader MTR 1310 Functionality	
No manual calibration, alignment or adjustment needed	Yes
No moving parts	Yes
Able to read 100 tags with zero separation between tags	Yes
100% tag read reliability	Yes
Application development kit for writing Windows/Unix applications	Yes
Compatible with requirements of ISO/IEC 18000-3 MODE 2 (FDIS)	Yes
Data Rate	
Command	424kb/s
Reply	106kb/s
Dimensions	
Operating Range	Internal Volume
External Dimensions (DxHxW)	31 x 16.8 x 16.6cm
Total Weight	1.5kg
Operating Frequency	
Powering Field	13.56MHz
Number of Reply Channels	2 channel
External Power Adapter	110/240VAC
DC Rating: DC Input Volt	+12V
Current	500mA
Host Interface	RS232

