



MDR-1109

Desktop Reader



Overview

The Desktop Reader (**MDR-1109**) is an RFID read-write device designed specifically for use in embedded or desktop environments.

Product Description

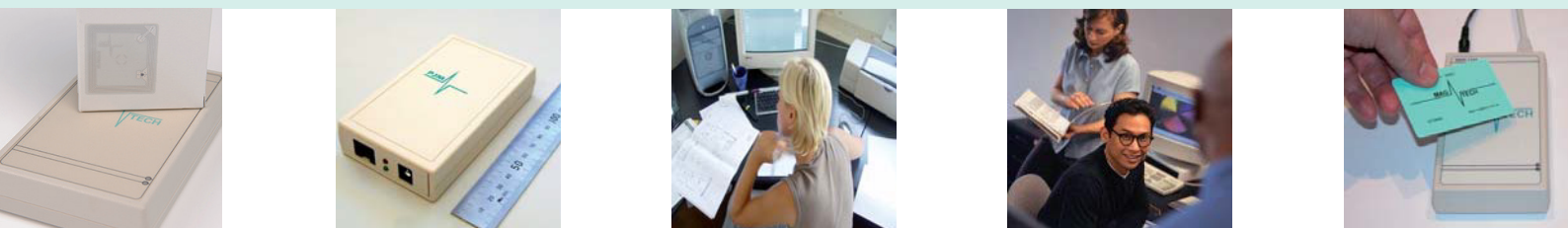
The **MDR-1109** operates as a stand-alone peripheral device communicating with a host PC via USB or Ethernet connections.

It is designed for applications where it is required to read and write information to a limited number of stacked or individual tags for administrative purposes, for access control installations or tag issuing procedures.


It is also part of the starter kit which also includes some PJM StackTag® and PJM ItemTag® labels.

The **MDR-1109** features:

- Reliable identification, reading and writing up to 20 PJM StackTag® items with zero separation between tags or to individual PJM ItemTag® labels
- Fast operation on 2 reply channels
- A powerful processing platform allowing for stand-alone reader operation
- Good connectivity offering both Ethernet and USB interfaces
- 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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- External Dimensions (L x W x H): 146.5 x 92 x 29.4 mm
 - Net Weight: 0.35 kg
- Low Voltage Input: 12 VDC @ 350 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
- Command Data Rate of 424 kbit/s
 - Reply Data Rate of 106 kbit/s per channel
 - Number of Axes: 1
 - Number of Reply Channels: 2
 - Operation Range: Marked read/write area, varies according to tag type
 - Tag Type: PJM StackTag® and PJM ItemTag®



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