



# MDOCR-2505

## Document Tray Reader



### Overview

The Magellan Document Tray Reader is designed for initial document registration and recording in an office environment.

The MDOCR-2505 provides the ability to read and write to incoming and outgoing documents and track them anywhere within your organisation.

### Product Description

The MDOCR-2505 Document Tray Reader is used as an electronic In Tray or Out Tray for tracking important documents in office environments. The system will automatically identify, read, write and track documents labelled with PJM StackTag®.

### The MDOCR-2505 features:

- The ability to read and write to all PJM StackTag® documents located in the shrouded volume of the tray
- Reads and writes reliably to tightly stacked, overlapping or touching tags
- Fast operation with 2 reply channels identifying up to 150 tags per second
- A powerful processing platform allowing for stand-alone reader operation
- Operates reliably with up to 60 tagged documents in a tray
- User friendly tray in choice of 2 colours
- Trays can be stacked using an optional rack
- Operates as a peripheral device to a normal PC
- Very 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
  - Certified for FCC, CE, Canadian and Australian standards
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- External dimensions (L x W x H): 380 x 280 x 90 mm
  - Net weight: 1.1 kg
  - Low voltage input: 12 VDC @ 1 A
  - 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: Shrouded Area
  - Tag type: PJM StackTag® and PJM ItemTag®
  - Also available as external MARS antenna (MDOCA-2505)



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

Magellan Technology Pty Ltd  
65 Johnston Street  
Annandale NSW 2038  
Australia  
Phone: +61 2 9562 9800  
Fax: +61 2 9518 7620  
info@magellan-technology.com

Magellan Technology Europe Ltd.  
Units 7 & 8  
Parker Court, Dyson Way  
Staffordshire Technology Park,  
Beaconside  
Stafford ST18 0WP  
UK  
Phone: +44 1785 218540  
Fax: +44 1785 218541  
info@magellan-rfid.com

### 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.