DOCUMENT TRAY | MDOCR-2505

Overview

The Magellan document tray reader plays an important role in any document management system. Designed for initial document registration and recording in an office environment it fits seamlessly into an existing workspace. The MDOCR-2505 provides the ability to read and write to incoming and outgoing documents and track them anywhere within your organisation.

The MDOCR-2505 is used as an electronic IN or OUT tray for tracking important documents in office environments. Its streamline design comes in two colours and can be linked to a PC using USB or Ethernet. The unit is supplied with ReaderManager software that provides a platform for reader setup, configuration, demonstrations, testing and application development.

Used in conjunction with Magellan's specially designed PJM Light DOC3 document tag, the MDOCR-2505 is able to read tagged documents individually or in stacks of up to 60, within the internal volume of the tray. With only paper thin separation required the MDOCR-2505 reads items quickly and easily, enabling the fast and accurate tracking of documents around the office. Magellan also has a range of tunnel readers to enable tracking of archive boxes that can be full of thousands of tagged documents at once.

FEATURES AND BENEFITS

» Read up to 60 documents in the shrouded volume of the tray

» Read and write reliably to tightly stacked, overlapping or touching tags

» User friendly tray in choice of 2 colours
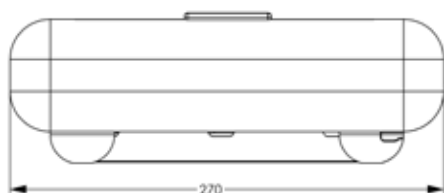
» Single axis internal antenna and MARS configuration

MAGELLAN TECHNOLOGY

SPECIFICATIONS

Figure 1. Dimensions (mm) back view
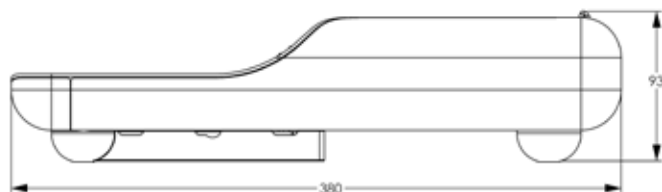
Figure 2. Dimensions (mm) side view

Electrical	
Operating Frequency	13.56MHz
ISO/IEC Compliance	ISO/IEC 18000-3 Mode 2
Command Data Rate	424 kbit/s
Reply Data Rate	106 kbit/s per channel
Number of Reply Channels	2
Number of Axes	1
Operating Range	Marked read/write area
Power Supply	12 VDC
Power Consumption	18W
Performance	
Recommended tags	See website for Tag Reference Table
Identification rate at 100% accuracy	Up to 150 tags/s
Host	
Host Interface	USB, Ethernet
Minimum Host Requirements	Windows XP SP2 / 500 MHz CPU / 128 MB RAM
Environmental	
Operating Environment	Indoor use
Temperature Range	0°C to +45°C ambient
Humidity	10% to 80% (non-condensing)
Mechanical	
External Dimensions: (L x W x H)	330 x 250 x 73 mm
Net Weight	3 kg
Net Volume	0.006m3
Certifications	
USA	Complies with FCC Part 15 Low Power Communication Device and EN 55022 Class B
Canada	Complies with RSS-210 EMI regulations
Europe (CE Mark)	EN55022, EN 301 489-1 V1.6.1, EN 301 489-3 V1.4.1, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11, EN 60950.1, EN 300 330-1 V1.3.1, EN 300 330-2 V1.3.1, EN 50364, EN 50357, RoHS
Australia	AS/NZS CISPR 22(2006), EN55022, AS/NZS 4268 (2003), AS/NZS 60950, RPS3 (ARPANSA)
Other Features	
Operation	Powerful processing platform allowing for stand-alone reader operation
Calibration and Tuning	No manual calibration or tuning required
Shielding Methods	Field Cancellation
Reader Placement	Can be placed next to each other