



# M3DR-4330

## 3D Jewellery Reader



*Accuracy*

*Traceability*

*Confidence*

The M3DR-4330 3D Jewellery Reader provides a unique platform for Jewellers and Dealers to accurately count and track movement of precious stock.

A robust benchtop RFID tool will read Tags in densely stacked application, regardless of orientation.

The M3DR-4330 reads thousands of Tagged items quickly and easily.

### Features and Benefits:

- Large 3D Read area
- Sturdy design
- Fast Read/Write capabilities
- Easy to use
- Linux based OS allows for powerful stand-alone operation
- Excellent connectivity with both USB and Ethernet interfaces
- Complies with ISO/IEC 18000-3 Mode 2



## Specifications

- ISO/IEC Compliance: 18000-3 Mode 2
- Operating Frequency: 13.56 MHz
- Low Voltage Input: 12 VDC @ 1.5 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
- Read and write operations
- Command Data Rate of 424 kbit/s
- Reply Data Rate of 106 kbit/s per channel
- Number of Reply Channels: 2
- External Dimensions (L x W x H):  
440 x 290 x 84 mm
- Net Weight: 7kg



## Tag Compatibility

### PJM DocTag Light

28mm x 16mm 10 turn

48mm x 16mm 5 turn

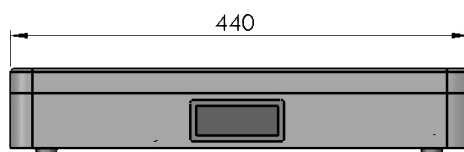
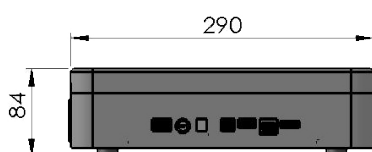
73mm x 37mm 3 turn

76mm x 45mm 2.5 turn

40mm x 35mm 7 turn

76mm x 45mm 5 turn

## Physical Dimensions [mm]



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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.