

ID ISC.ANT.U500/270-DM

## UHF Directional Reader Solution

- Excellent RFID Performance
- Transponder Direction Detection
- Reader and Antenna in one housing
- Modern Design
- Optocoupler input and output
- Different Mounting Solutions
- Flexible IT Integration
- Easy Installation
- International Approvals



### Top Performance

- Excellent 3-D read rates
- Transponder Direction Detection

### Modern Design

- Small size, good integration in ambience
- Different mounting solutions (wall, ceiling)
- Supports VESA, MIS-D, 100
- Mounting bracket included

### Easy Installation

- Complete solution
- Comprehensive service software
- Antenna and Reader in one housing

### Flexible IT Integration

- Interfaces: USB, Ethernet (TCP/IP)
- 1x Digital Input, 1 x Digital Output, 24V DC Output
- SDKs for Windows, Linux, Java,...
- Remote maintenance and diagnostics

### International Approvals

- Radio licenses according to
  - ETSI (Europe)
  - FCC (USA)
  - IC (Canada)



## UHF Directional Reader Solution

The modern designed reader with integrated antenna allows transponder direction detection in various applications.

Product Detail	ID ISC.ANT.U500/270-DM	
Housing	ABS (UV stabilized) and steel plate	 <p>Reader Front view</p>
Dimensions (W x H x D)	(506 x 275 x 103) mm w/o mounting bracket	
Weight	approx. 7 kg / 9 kg with packaging	
Colors	Black, white and grey	
Supply voltage	24 V DC $\pm$ 15%	
Power consumption	max. 32 VA	
Operating frequency EU variant FCC variant	865 MHz to 868 MHz 902 MHz to 928 MHz	
Special function	Transponder Direction Detection	
Mounting options	Ceiling (suspension or direct mounting) Wall (holder or direct mounting) Support of VESA MIS-D, 100	
Transponders	EPC Class 1 Gen2, ISO 18000-6C	
Interfaces	USB, Ethernet 1x Optocoupler input 1x Optocoupler output 24 V DC output, 30 mA	 <p>Ceiling Mounting</p>
Temperature range Operation Storage	0° C up to +50° C -25° C up to +70° C	
<b>Order description</b>		
4923.000.00	ID ISC.ANT.U500/270-DM-EU Antenna and Reader incl. mounting bracket	
4922.000.00	ID ISC.ANT.U500/270-DM-FCC Antenna and Reader incl. mounting bracket	
2557.000.00	Accessories: 24 V DC power supply	 <p>Reader Rear view</p>

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