

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   |
| 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<br>EU variant<br>FCC variant | 865 MHz to 868 MHz<br>902 MHz to 928 MHz  |
| Special function                                 | Transponder Direction Detection   |
| Mounting options                                 | Ceiling (suspension or direct mounting)<br>Wall (holder or direct mounting)<br>Support of VESA MIS-D, 100 |
| Transponders                                     | EPC Class 1 Gen2, ISO 18000-6C  |
| Interfaces                                       | USB, Ethernet<br>1x Optocoupler input<br>1x Optocoupler output<br>24 V DC output, 30 mA                   |
| Temperature range<br>Operation<br>Storage        | 0° C up to +50° C<br>-25° C up to +70° C  |
| <b>Order description</b>                         |   |
| 4923.000.00                                      | ID ISC.ANT.U500/270-DM-EU<br>Antenna and Reader incl. mounting bracket                                    |
| 4922.000.00                                      | ID ISC.ANT.U500/270-DM-FCC<br>Antenna and Reader incl. mounting bracket                                   |
| 2557.000.00                                      | Accessories: 24 V DC power supply   |



Reader  
Front view



Ceiling  
Mounting



Reader  
Rear view

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