

ID ISC.ANT.U500/270-DM

UHF Long Range Reader with Direction Detection

- 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 Long Range Reader with Direction Detection

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		
EU variant		865 MHz to 868 MHz
FCC variant		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
Temperature range		
Operation		0° C up to +50° C
Storage		-25° C up to +70° C
Order description		
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 cable



Reader
Front view



Ceiling
Mounting



Reader
Rear view

Stand of information: February 2018.

The information in this document is subject to change without notice and shall not be construed as a commitment.
All brand names, trademarks or logos are property of their respective owners.