

OBID i-scan[®] HF

HF Clear Gate ID ISC.ANT1300/680



FEATURES

- Optimal Price-Performance Ratio
- Easy Installation
- Neutral Design
- Multiple Installation Options
- Optional Functions
- Flexible IT Integration
- International Approvals





Order descriptions

- **ID ISC.ANT1300/680-A Clear Gate (Base)**
Gate Antenna with Reader, Power Splitter, Sounder, Alarm Light and Manual Antenna Tuning Board
- **ID ISC.ANT1300/680-B Clear Gate**
Gate Antenna with Manual Antenna Tuning Board
- **ID ISC.ANT1300/680-BL Clear Gate (Light)**
Gate Antenna with Alarm Light and Manual Antenna Tuning Board

TECHNICAL DATA

Mechanical Data

Dimensions (W x H x D)	
Antenna	720 x 1590 x 80 mm +/- 3 mm
Packaging	800 x 1720 x 160 mm +/- 10 mm
Housing	Plastic ABS UV stabilized
Color	
Antenna frame	Light grey RAL 7035
Antenna base	Signal black RAL 9004
Weight	
ID ISC.ANT1300/680-A	approx.16 kg /21 kg with packaging
ID ISC.ANT1300/680-B	approx.15 kg /20 kg with packaging
ID ISC.ANT1300/680-BL	approx.15 kg /20 kg with packaging

Protection class IP 43

Max. horizontal load on the upper edge of the antenna 250 N*

Electrical Data

Operating frequency	13.56 MHz
Transmitting power Reader	1 W up to 5 W (adjustable)
Supply voltage	24 V +/- 15% Noise Ripple: maximum 150 mV
Power consumption	maximum 16 VA
Permissible total transmitting power per Antenna Gate	
Europe (EN 300 330)	5.0 W
USA (FCC Part 15)	5.0 W
Canada (RSS210)	5.0 W
Outputs	
1 Relay (1 x NO)	24 V / 1 A resp. Alarm Kit
Inputs	
1 Opto coupler	24 V / 6 mA
Interfaces	RS232, USB, Ethernet (TCP/IP)
Antenna connection	1 x SMA plug (50 Ω)
Antenna connection cable	
Types -B and -BL	RG58, 50 Ω, approx. 2.0 m long

*Permanent deformation after unloading approx. 1 cm



Order descriptions

- **ID ISC.ANT1300/680-A Clear Gate (Base)**
Gate Antenna with Reader, Power Splitter, Sounder, Alarm Light and Manual Antenna Tuning Board
- **ID ISC.ANT1300/680-B Clear Gate**
Gate Antenna with Manual Antenna Tuning Board
- **ID ISC.ANT1300/680-BL Clear Gate (Light)**
Gate Antenna with Alarm Light and Manual Antenna Tuning Board

TECHNICAL DATA

Functions

Operation Modes	FEIG ISO HOST Buffered Read Mode (BRM, maximum 100 data records) Notification Mode (TCP/IP)
Supported Transponders	ISO 15693, ISO 18000-3-A (EM HF ISO Chips, Fujitsu HF ISO Chips, KSW Sensor Chips, Infineon my-d, NXP I-Code, STM ISO Chips, TI Tag-it)
Angle width (with Power Splitter)	unidimensional up to 120 cm tridimensional up to 90 cm
Alarm function	Automatically without host connection; EAS, AFI, UID/SNR
Alarm (Type –A)	Sounder & LED Alarm light (red)
Tuning	Manual (jumper) Tuned ex factory for angle width of 90 cm

Environmental conditions

Temperature range	
Operation	-25°C up to +50°C
Storage	-25°C up to +70°C

Standard conformity

Radio approval	
Europe	EN 300 330
USA	FCC Part 15
Canada	RSS 210
EMC	EN 301 489
Safety	
Low voltage	UL 60950-1
Human Exposure	EN 50364