

HF Gate Antenna

ID ISC.ANT1710/690 Crystal Gate Excellence

- Excellent RFID performance up to 1,60 m
- Cost-effective solution
- Transparent design
- Certificated performance
- Integrated radar people counter
- Flexible IT integration
- International approvals



Top Performance

- Excellent 3D read rates
- Comfortable aisle width up to 1.60 m due to a patented configuration
- Directional people counter with „false alarm suppression“
- DVD and CD detection

Transparent Design

- Transparency of almost 100% (acrylic plate)
- Alarm light integrated in acrylic plate

Easy Installation

- Complete solution
- Antenna is tuned ex works
- Comprehensive service software
- Integrates all the electronics

Optional Functions

- People counter can be extended to 4 passages
- Base cover in custom colors
- Mounting plate for quick assembly / disassembly and special floors

Flexible IT Integration

- Interfaces: USB, Ethernet (TCP/IP)
- Alternative: „Stand Alone“ Mode
- SDKs for Windows, Linux, Java,...
- Remote maintenance and diagnostics

International Approvals

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

Safety

- UL 62368 (in preparation)
- IEC 62368 (in preparation)

Performance

- ISO 18046-4 (in preparation)
- VDI 4478-1 (in preparation)



Modern design meets excellent RFID performance

The high-performance cost-effective solution with integrated radar people counter allows flexible integration into existing systems.

Product Detail	ID ISC.ANT1710/690 Crystal Gate Excellence
Dimensions (W x H x D)	698 mm x 1710 mm x 71 mm ± 3 mm
Housing	Acrylic glass and ABS UV stabilized
Weight	
Type A	approx. 25 kg / 29.5 kg with packaging
Type B	approx. 24 kg / 28.1 kg with packaging
Color	Crystal clear (acrylic panel) Signal white (base) More colors available on request
Supply Voltage	24 V DC ± 15%
Power Consumption	max. 32 VA
Operating Frequency	13.56 MHz
Antenna Tuning	ID ISC DAT (automatic)
Alarm Functions	Automatic without host connection; with optical and acoustic indicator; EAS, AFI, UID/SNR
Transponders	ISO 15693, ISO 18000-3-A Mode 1, NXP Icode 1
Interface	Rs232, USB, Ethernet
Aisle width	
Unidimensional	up to 160 cm (63 inch)
Tridimensional	up to 150 cm (59 inch)
Temperature Range	
Operation	-25 °C up to +50 °C
Storage	-25 °C up to +70 °C
Order Descriptions	
5319.000.00	ID ISC.ANT1710/690-A Crystal Gate Excellence (Base) Gate Antenna with Reader, Multiplexer and People Counter
5318.000.00	ID ISC.ANT1710/690-B Crystal Gate Excellence
4718.000.00	ID ISC.ANT.GPC-E2 Extension Radar Detector
4704.000.00	ID ISC.ANT.GPC Gate People Counter
4412.000.00	ID ISC.ANT.CRG-MP Crystal Gate Mounting Plate



Examples

- 1 aisle:
- 1 antenna type A (incl. Reader, Multiplexer, GPC and Power Supply)
 - 1 antenna type B (incl. 2.5 m data cable)
- 2 aisles:
- 1 antenna type A (incl. Reader, Multiplexer, GPC and Power Supply)
 - 2 antennas type B (incl. 2.5 m data cable)
 - 1 Extension Radar Detector
- 3 aisles:
- 1 antenna type A (incl. Reader, Multiplexer, GPC and Power Supply)
 - 3 antennas type B (incl. 2.5 m data cable)
 - 1 Extension Radar Detector (option)
 - 1 GPC for 3 passages (option)



For more information, visit:
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Note: Errors and technical changes reserved.
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