

## HF Gate Antenna

# ID ISC.ANT1710/690 Crystal Gate Wave

- Excellent RFID performance up to 1.30 m
- Cost-effective solution
- Transparent design
- Certificated performance
- Integrated radar people counter
- Flexible IT integration
- International approvals



### Top Performance

- Excellent 3D identification rates
- Comfortable aisle width up to 1.30 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)
- IC (Canada)

### 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 Wave
Dimensions (W x H x D)	698 mm x 1710 mm x 71 mm ± 3 mm	
Housing	Acrylic glass and ABS UV stabilized	
Weight	approx. 25 kg / 29.5 kg with packaging	
Type A	approx. 24 kg / 28.1 kg with packaging	
Type B		
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 Mode 1, NXP I-Code 1	
Interface	USB, Ethernet	
Aisle width		
Unidimensional	up to 130 cm (51.2 inches)	
Tridimensional	up to 115 cm (45.3 inches)	
Temperature Range		
Operation	-25 °C up to +50 °C	
Storage	-25 °C up to +70 °C	
<b>Order Descriptions</b>		
5400.000.00	ID ISC.ANT1710/690-A Crystal Gate Wave (Base) Gate Antenna with Reader, Multiplexer and People Counter	
5401.000.00	ID ISC.ANT1710/690-B Crystal Gate Wave	
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)

Note: Errors and technical changes reserved.  
State of information is September 2019.



For more information, visit: [www.rfidcanada.com](http://www.rfidcanada.com)

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