

ID ISC.ANT1710 / 690 Crystal Gate Wave

HF GATE ANTENNA

- 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
- › 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 6 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: ETSI (Europe), FCC (USA), IC (Canada)
- › Safety: UL 62368-1, IEC 62368-1
- › 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.

Technical data

Dimensions (w x h x d)	690 mm x 1764 mm x 77 mm*
Weight	
Type A	approx. 25 kg / 29.5 kg with packaging
Type B	approx. 24 kg / 28.1 kg with packaging
Housing	Acrylic glass and ABS UV stabilized
Color	Crystal clear (acrylic panel), signal white (base) more colors available on request
Supply voltage	24 V DC \pm 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
Interfaces	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

* Tolerances \pm 3 mm

Order Description

ID ISC.ANT1710/690-A	5400.000.00	Crystal Gate Wave (Base) Gate Antenna with Reader, Multiplexer and People Counter
ID ISC.ANT1710/690-B	5401.000.00	Crystal Gate Wave
ID ISC.ANT.GPC-E2	4718.000.00	Extension Radar Detector
ID ISC.ANT.GPC	4704.000.00	Gate People Counter (GPC)
ID ISC.ANT.CRG-MP	4412.000.00	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)

Solutions with 4 or more aisles are possible on request.



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