FEIG
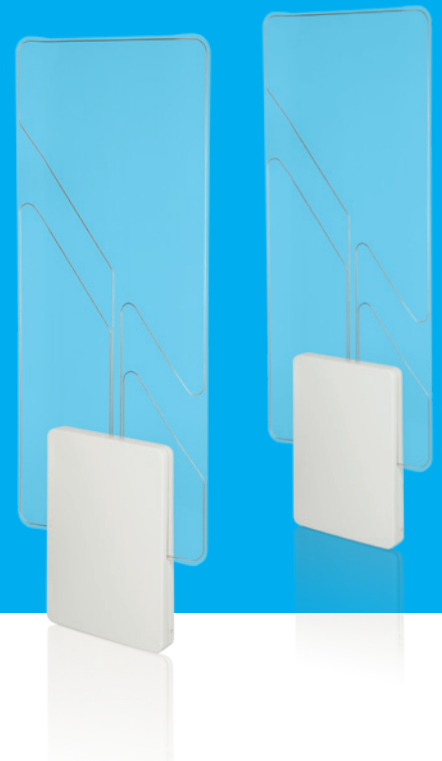
ID ANT1710 / 690 Crystal Gate Wave

HF GATE ANTENNA

- Excellent RFID performance
- Possible passage width up to 130 cm
- Cost-effective solution
- Transparent design
- Certificated performance
- Integrated radar people counter
- Flexible IT integration
- International approvals

Top Performance

› Excellent 3D identification rates

› Comfortable passage width up to 130 cm

› 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 and more

› 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, VDI 4478-1

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 ±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 120 cm (47.2 inches)
Temperature range	
Operation	–25 °C up to +50 °C
Storage	–25 °C up to +70 °C

* Tolerances ±3 mm

ID ANT1710 / 690

Order Description

ID ANT1710/690-A	5400.001.01	Crystal Gate Wave (Base) Gate Antenna with
		4 Chanel Reader and People Counter
ID ANT1710/690-B	5401.001.01	Crystal Gate Wave
ID ANT.GPC-E2	4718.000.00	Extension Radar Detector
ID ANT.GPC	4704.000.00	Gate People Counter (GPC)
ID ANT.CRG-MP	4412.000.00	Crystal Gate Mounting Plate
ID ANT.MUX.M5.GMK	6696.000.00	5-times Antenna Multiplexer with
		Gates Mounting Kit included

Examples

1 aisle:	1 antenna type A (incl. 4 Chanel Reader, GPC and Power Supply)
	1 antenna type B (incl. 2.5 m data cable)
2 aisles:	1 antenna type A (incl. 4 Chanel Reader, 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. 4 Chanel Reader, 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 6 passages are possible by using the 5-times Antenna multiplexer Kit ID ANT.Mux.M5.GMK.