

## HF Gate Antenna ID ISC.ANT1690/600 Crystal Gate Comfort



### FEATURES

- Comfortable complete solution with excellent identification rate
- Aisle width up to 1.40 m
- Integrated people counter
- Automatic antenna tuning
- Prevention of false alarms by special filtering
- Transparent design
- Easy Installation
- Flexible IT Integration
- International approvals



reddot design award  
winner 2010



#### **Top Performance**

- Excellent 3-D read rates
- Comfortable aisle width up to 1.40 m due to a patented configuration
- Filtering and suppression of false alarms
- DVD and CD detection

#### **Transparent Design**

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

#### **Easy Installation**

- Complete solution
- Automatic antenna tuning
- Comprehensive service software
- Integrated electronics in antenna basement

#### **Optional Functions**

- People counter can be extended to 6 aisles
- Base cover in custom colors
- Mounting plate for quick assembly / disassembly on special floors

#### **Flexible IT Integration**

- Interfaces: RS232, USB, Ethernet
- Alternative „Stand alone“ Mode
- Software libraries for Windows, Linux, Java, ...
- Remote maintenance and diagnostics

#### **International Approvals**

- Radio licenses according to ETSI (Europe), FCC (USA) and IC (Canada)
- UL approved

FEIG ELECTRONIC reserves the right to change specification without notice at any time.  
State of information: November 2016.

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## Technical Data

Dimensions (W x H x D)	(600 x 1700 x 72) mm ± 5 mm (23.6 x 66.9 x 2.8 inch) ± 0.2 inch
Housing	Panel: Acrylic glass Base: ABS, UV stabilized
Color	Crystal clear (acrylic panel) Signal white (base) More colors available on request
Weight Type A Type B	approx. 23.0 kg / 29.0 kg with packaging approx. 21.5 kg / 27.0 kg with packaging
Operating frequency	13.56 MHz
Supply voltage	24 V DC ± 15%
Power consumption	maximum 32 VA
Alarm functions	Automatic without host connection; with optical and acoustic indicator; EAS, AFI, UID/SNR
Transponders	ISO15693, ISO18000-3-A, NXP I Code
Interfaces	RS232, USB, Ethernet
Aisle width Standard unidimensional tridimensional	up to 140 cm (55.1 inch) up to 120 cm (47.2 inch)
Temperature range Operation Storage	-25 °C up to +50 °C -25 °C up to +70 °C

## Order descriptions

ID ISC.ANT1690/600-A Crystal Gate Comfort (Base)  
Gate Antenna with Reader, Multiplexer and People Counter

ID ISC.ANT1690/600-B Crystal Gate Comfort

ID ISC.ANT.GPC-E  
Extension Radar Detector

ID ISC.ANT1690/600-GPC  
Gate People Counter

ID ISC.ANT.CRG-MP  
Crystal Gate Mounting Plate

## Installation



- All electronic components installed in the antenna base
  - 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 Gate People Counter (GPC) for 3 passages (option)
- 4 or more aisles possible on request.

All antennas include an automatic antenna tuner.

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