



OBID i-scan<sup>®</sup> HF

# OBID i-scan<sup>®</sup> Crystal Gate

ID ISC.ANT1690/600 Crystal Gate



Excellent Aisle Width  
(up to 1.20 m)

Patented Configuration

Transparent Design

Easy Installation

Optional Functions

Flexible IT Integration

Remote Maintenance and  
Self Diagnostics

International Approvals



OBID<sup>®</sup> – RFID by FEIG ELECTRONIC



reddot design award  
winner 2010

**FEIG**  
ELECTRONIC



## ID ISC.ANT1690/600 Crystal Gate



### Top Performance

- Real 3-D Detection
- Aisle width up to 1.2 m (Patented configuration)
- Aisle width (3-D) complies with ADA requirements
- DVD and CD detection

### Transparent Design

- Customer-specific colors optional available
- Transparency of almost 100 % (acrylic plate)
- Alarm light integrated in acrylic plate

### Easy Installation

- Automatic antenna tuning
- Powerful service software
- Integrated electronic in antenna basement

### Optional Functions

- People counter
- Language module for individual messages

### Flexible IT Integration

- Interfaces: RS232, RS485, Ethernet, W-LAN
- Alternative sStand alone%Mode
- Software libraries for Windows, Linux, Java, ...
- Remote maintenance and diagnostics
- Integration of customer-specific software directly on the reader

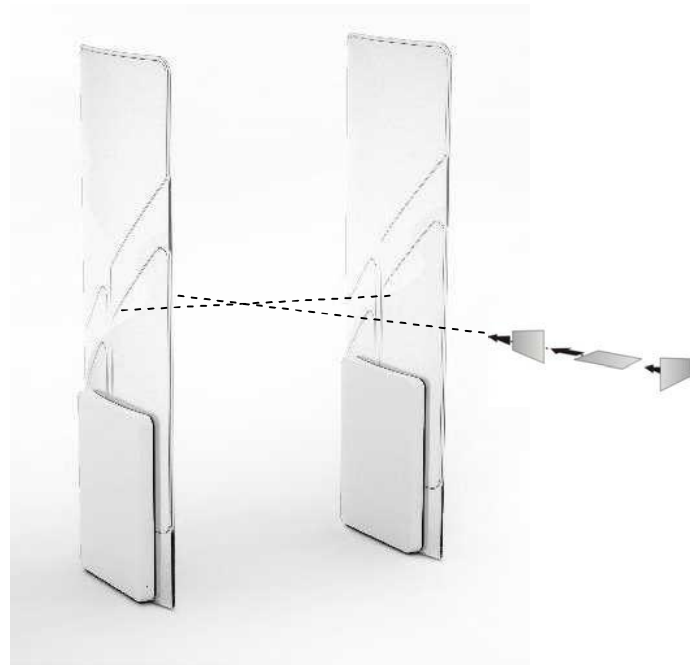
### International Radio Approvals

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

## **Technical Data**

Dimensions (W x H x D) inch]	(600 x 1700 x 72) mm ± 5 mm [(23.6 x 66.9 x 2.8) inch ± 0.2
Housing	Panel: Arylic glass Base: ABS, UV stabilized
Surface	Texture, satin
Colour	Signal white (base) Crystal clear (Arylic panel)  More colours available on request
Weight Type A Type B	approx. 23.0 kg (50.7 lbs) approx. 21.5 kg (47.4 lbs)
Operating frequency	13.56 MHz
Power supply	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 1, I Code UID, I Code EPC
Interfaces	RS232, RS485/RS422, Ethernet W-LAN optionally
Aisle width Standard unidimensional tridimensional	up to 120 cm (47.2 inch) up to 100 cm (39.4 inch)
Temperature range Operation	. 25 °C up to +50 °C (. 13 °F up to +122 °F)
Storage	. 25 °C up to +70 °C (. 13 °F up to +158 °F)

## **Installation**



É All electronic components installed in the antenna base

É 1 aisle:

- 1 antenna type A (incl. reader, multiplexer),  
1 antenna type B

É 2 up to 3 aisles:

- 1 antenna type A (incl. reader, multiplexer)  
2 up to 3 antennas type B

É 4 or more aisles available on request

## **Order description**

É ID ISC.ANT1690/600-A Crystal Gate  
Gate antenna with integrated reader and multiplexer

É ID ISC.ANT1690/600-B Crystal Gate  
Gate antenna

All antennas include an automatic antenna tuner.

FEIG ELECTRONIC reserves the right to change specification without notice at any time  
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