



Diamond™ RFID Premium RFID security detection system

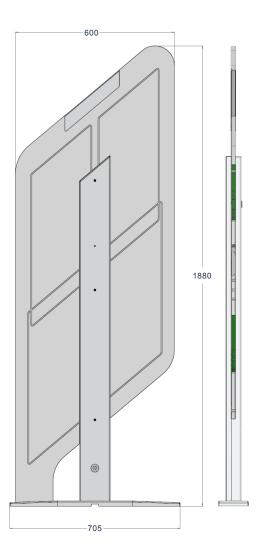
> The Diamond™ RFID Premium system reduces unauthorized removal of library items by detecting the RFID tags in any orientation.



# **Diamond™ RFID Premium** RFID security detection system

With its modern transparent looks – high density plexiglas in combination with a solid stainless steel construction - the Diamond™ RFID Premium system gives an extremely luxurious appearance to any library environment.

The Diamond™ RFID Premium system reduces unauthorized removal of library items by detecting the RFID tags in any orientation.





## **Specifications**

### **Detection:**

Depending on environment and the type & size of tag

- Single aisle width System 2: up to 1.60 meter
- Dual aisle width System 3: up to 3.20 meter

\* Detection of items depends on environmental factors and on the type and size of label. Detection range and rates will always be reduced for CD/DVD media that contains metallic elements. Libraries that wish to get as close to 100% detection, should accept less distance between gates.

### Features

- Fully digital configuration (DSP)
- Visual and audio alarm
- Advanced radio frequent identification (RFID) technology
- Remote maintenance
- Magnetic media safe
- Multiple gate solutions are possible
- Bi-directional people counter with display

### **RFID** specification:

- Operating frequency: 13,56 MHz.
- Transmitting power: 1 ~ 5 W.
- Supported tags: ISO 15693, ISO 18000-3 mode 1 (NXP SLI, NXP SLIX, NXP SLIX2)

### Certifications: CE / EMC

### Interface:

CAN, Ethernet (TCP/IP) via the USB/Ethernet to CAN bridge tool (optional)

#### **Dimensions:**

Antenna:  $..600 \times 20 \times 1880 \text{ mm}$  (b x d x h) Base:  $....705 \times 120 \times 20 \text{ mm}$  (b x d x h)

### Material:

Panel: High density clear PMMA 20mm plexiglass, weather and UV resistant, 92% light transmission Base: Stainless steel

Weight: 32kg

**Power:** 100 ~ 240 V

