



**Diamond™**  
**EM Premium**  
EM security  
detection system

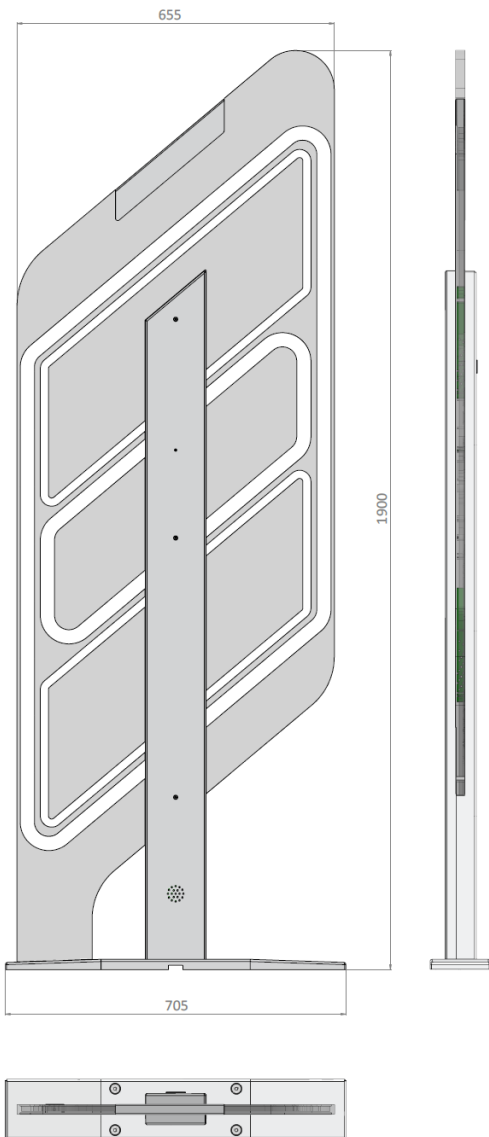
The Diamond™ EM Premium system reduces unauthorized removal of library items by detecting the EM tags in any orientation.

# Diamond™ EM Premium

## EM security detection system

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

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



### Specifications

#### Detection:

Depending on the type and size of EM tag

- Single aisle width System 2: up to 0.90 meter
- Dual aisle width System 3 : up to 1.80 meter

#### Features

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

#### EM specification:

- Operating frequency: 366 Hz.
- Supported tags: all Dialog ID EM tags and various EM tag suppliers

#### Interface:

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

#### Dimensions:

Antenna: . . . 655 x 20 x 1900 mm (w x d x h)

Base: . . . . . 705 x 120 x 20 mm (w x d x h)

#### Material:

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

Base: Stainless steel

**Weight:** 37 kg.