



## **Diamond™ Hybrid EM/RFID Premium**

Hybrid security  
detection system

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



# Diamond™ Hybrid EM/RFID Premium

## Hybrid security detection system

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

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

### Specifications

#### Detection:

Depending on the size and type of 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
- Advanced radio frequent identification (RFID) technology
- Remote maintenance
- Magnetic media safe
- Multiple gate solutions are possible

#### EM / RFID specification:

- Operating frequency: 366 Hz. / 13,56 MHz.
- Supported tags: all Dialoc ID EM tags and various EM tag suppliers
- ISO 15693 RFID tags, NXP SLI and NXP SLI-X

#### Option:

- People counter with display

#### Interface:

Ethernet (TCP/IP), USB, RS232, CAN

#### Dimensions:

Antenna: 655 x 100 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:** 36 kg.

