



**Diamond™ Hybrid
EM/HF 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.



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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.

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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
- Bi-directional people counter with met display

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

Interface:

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

Dimensions:

Antenne: . . . 655 x 20 x 1900 mm (b x d x h)

Voet: 705 x 120 x 20 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: 37,5 kg.

