



Diamond™
HF Premium
RFID security
detection system

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

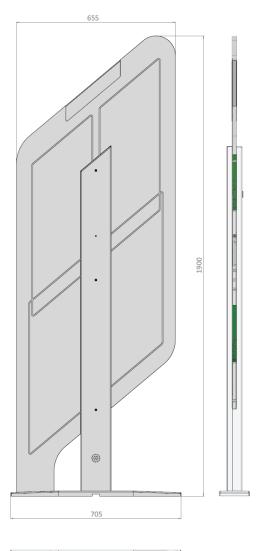


Diamond™ HF Premium

RFID security detection system

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

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Specifications

Detection:

Depending on environment and the size & type of HF 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

RFID specification:

- Operating frequency: 13,56 MHz.
- Transmitting power: 3 W
- Supported tags: ISO 15693, NXP SLI and NXP SLI X

Option:

People counter with display

Interface:

Ethernet (TCP/IP), USB, RS232

Dimensions:

Antenne: . . . $655 \times 20 \times 1900 \text{ mm}$ (b x d x h) Voet: $705 \times 120 \times 20 \text{ mm}$ (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.