

DIAMOND HYBRID PREMIUM

DUAL TECHNOLOGY DETECTION

The Diamond Hybrid Premium system reduces unauthorized removal of library items by detecting EM & RFID tags. 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 RF/EM Hybrid uniquely brings together two technologies in a single antenna. The combination of RF and EM technologies enables the system to detect items which have been tagged with different technologies. For instance, if the library is intending to switch to RFID in the future, this system will ensure your library security is future proofed.



Specifications:

Detection: Depending on the size and type of tag

- Single aisle width System 2: up to 0.90m
- Dual aisle width System 3: up to 1.90m

Features:

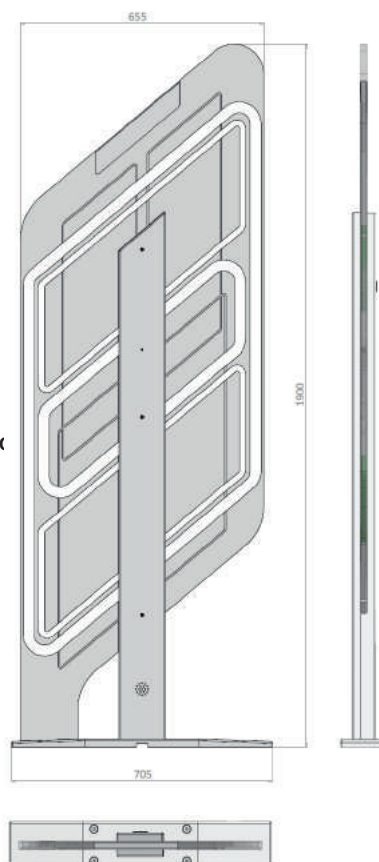
- Fully digital configuration (DSP)
- Visual and audio alarm
- Advanced electromagnetic (EM) technology
- Advanced radio frequent identification (RFID) technology
- Remote maintenance
- Magnetic media safe
- Multiple antenna solutions are possible

EM / RFID specification:

- Operating frequency: 366 Hz / 13,56 MHz
- Supported tags: all EM tags
- ISO 15693 RFID tags, NXP SLI and NXP SLI-X

Options:

- People Counter with display



Interface:

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

Dimensions:

- Antenna : w655 x d100 x h1900mm
- Base: w705 x d120 x h20mm

Weight:

- 36kg

Material:

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

IntrepidLibrary

Intrepid Library supplies and maintains a unique portfolio of systems to protect all types of library media. With over 30 years experience in library and museums and public buildings of all sizes we have a unique insight and understand that there is no one size fits all solution.

Our independence enables us to offer impartial advice, based on your specific needs and to work with each client to provide a viable solution that works.

We are constantly sourcing, researching and trialling new systems from the industry's most innovative developers and designers, in addition to our own in-house R & D, to ensure that we can offer you the best loss prevention solutions, including:

- **EAS:** tagging from the world's leading manufacturers across all technologies. We also supply, labels and alarms for any manufacturer systems.
- **CCTV:** The Highest definition cameras with mobile apps for dial in capabilities enabling you to see your business 24/7, from anywhere in the world.
- **People Counting:** All types of people counters, from simple battery operated to IT integrated software, which can be fully customised for your own requirements. Remote access and real time reporting.
- **Access Control:** Software integrated, stand alone and unique RFID solutions.
- **Digital Team Communication:** Reliable team communication for up to 30 users. No battery packs or cables, just smart lightweight headsets that let you communicate over an area of up to 200,000 sqft.

Our focus is and has always been on quality, independent technical advice and customer support.

INTREPID LIBRARY

We are constantly sourcing, researching and trialling new systems to ensure that we can offer you the best security for your library.

