



LIBTECS



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

SECURITY DETECTION SYSTEM DIAMOND PREMIUM RFID

The Diamond RFID Premium system reduces unauthorized removal of library items by detection RFID labels in any orientation.



RFID technology will help reduce the deliberate or accidental removal of library materials, and when combined with other devices, such as the Sapphire Self-Loan System or the Topaz RFID reader, it will increase productivity in libraries.

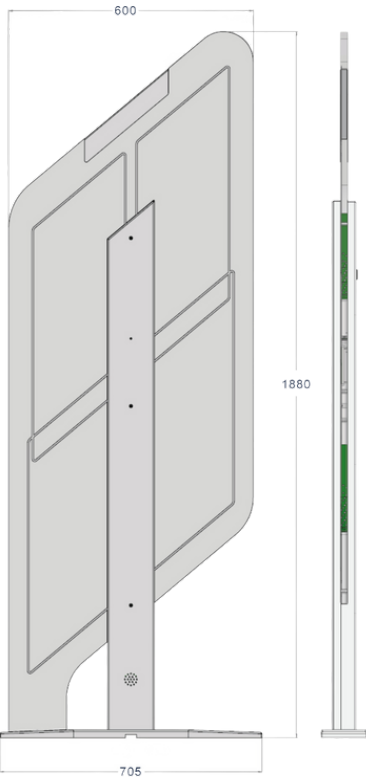




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Security



Specifications

Dimensions

Antenna: 600 x 20 x 1880 mm (w x d x h)

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

Weight: 32 kg

Detection

Depending on environment and the size & type of tag:

- Single aisle width System 2: up to 1.60 meter
- Dual aisle width System 3: up to 3.20 meter

RFID specification

Operating frequency: 13,56 MHz.

Transmitting power: 3 W

Supported tags: ISO 15693 / ISO 18000-3 mode 1 (NXP SLI, NXP SLIX, NXP SLIX2)

Certifications

CE / EMC

People counter

Bidirectional with digital display

Interface

CAN

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

Material

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

Base : Stainless steel

Power: 100 ~ 240V