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

SECUTIRY DETECTION SYSTEM DIAMOND PREMIUM HYBRID EM / RFID

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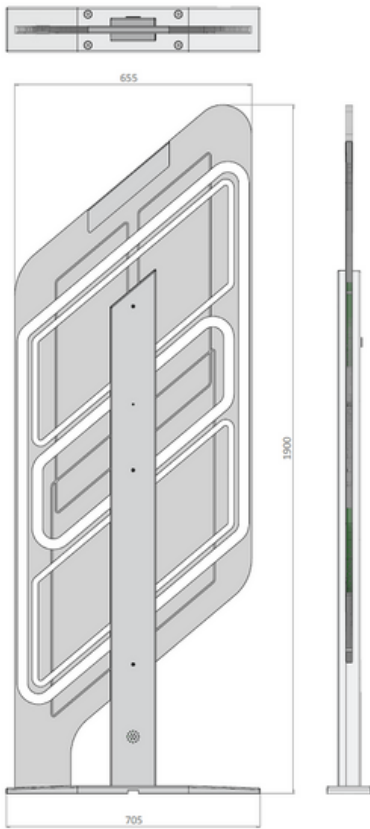

Diamond Premium Hybrid will allow libraries to make a gradual migration to RFID, since by combining both technologies, the collection is protected with Electromagnetic security while the rest of the collection is tagged with RFID.

LIBTECS

Dimensions

Antenna: 655 x 20 x 1900 mm (w x d x h)
Base : 705 x 120 x 20 mm (w x d x h)
Weight: 37,5 kg

Detection

Depending on the type and size of tag:
• Single aisle width System 2: up to 0.90 meter
• Dual aisle width System 3 : up to 1.80 meters

EM / RFID specification

Operating frequency: 366 Hz. / 13,56 MHz.
Transmitting power: 3 W
Supported tags: All Dialoc ID EM tags and various EM tag suppliers
RFID tags: ISO 15693 / ISO 18000-3 mode 1 (NXP SLI, NXP SLIX, NXP SLIX2)

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

Certifications

CE / EMC

People counter

Bidirectional with digital display