



Quartz RFID security detection system

The Quartz RFID system reduces unauthorized removal of library items by detecting the RFID labels in any orientation.



Quartz RFID

security detection system

With its transparent solid core plexiglass plate in combination with a sturdy stainless steel powder coated base construction, the Quartz RFID system is the perfect solution for a modern library environment.

The Quartz RFID system reduces unauthorized removal of library items by detecting the RFID labels in any orientation.

Specifications

Detection:

Depending on environment and the type & size of 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, ISO 18000-3 mode 1 (NXP SLI, NXP SLIX, NXP SLIX-2)

Certifications: CE / EMC

Option: bi-directional people counter with display

Interface:

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

Material:

Panel: whole core PMMA 15 mm plexiglass, weather and UV resistant, 92% light transmission

Base : Stainless steel powder coated

Dimensions:

Antenna: . . 658 x 15 x 1733 mm (w x d x h)

Base: 713 x 96 x 20 mm (w x d x h)

Weight: 22 kg

