



## **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, NXP SLI, NXP SLI-X, NXP SLI-X2

#### 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

