

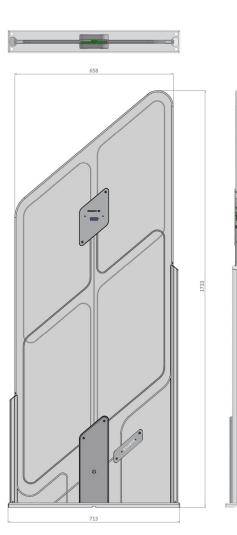




# Quartz RFID security detection system

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

