**DIALOC ID**®
Library solutions

# Quartz RFID
## security detection system

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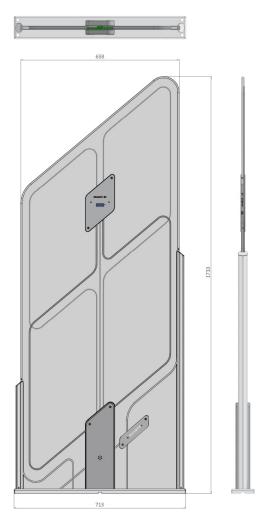RFID labels in any orientation.

# 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: . .657,5 x 15 x 1731 mm  (w x d x h)
Base: . . . . . . . . 709 x 96 x 10 mm  (w x d x h)

**Weight**: 22 kg