



## **bibliotheca RFID gate™ premium**

the most accommodating, wide aisle security gate

Offering the most accommodating aisle entrance for libraries, the RFID gate premium is perfect for wheelchairs, wide strollers, and large groups of students. With a modern and stylish clear panel design, the bibliotheca RFID gate™ premium effectively deters theft of valuable library materials while elegantly enhancing the library aesthetic.

# benefits of the RFID gate™ premium



#### **Wider aisles increase accessibility**

By increasing the width of the aisles, libraries create a more welcome and inviting entrance, easy for wheelchairs and strollers to pass through. Our extended width gate allows libraries to place pedestals up to 1.6 metres or 63 inches apart without compromising on tag detection rates.

#### **Modern & stylish design fits any library decor**

The RFID gate premium effectively deters theft of valuable library materials while elegantly enhancing the library aesthetic. With over 230 side panel colour options, the RFID gate premium will perfectly match any building environment.

#### **Ensure peace of mind with remarkable RFID detection**

We've increased the RFID antennas in each pedestal to ensure items are detected in a variety of ways they would pass through the threshold. This increased detection safeguards your collection, as you will always be warned of potential theft.

#### **Easily alert staff with audible and visual alerts**

When triggered, the RFID gate premium will alert library staff both visually, with red LEDs illuminating the pedestal, and audibly, in the form of a beeping alarm.

#### **Analyse library traffic patterns with integrated patron counter**

Each gate is fitted with a people counter sensor to help staff monitor the amount of patrons using their library. Accessible via our smartadmin™ web application, people counter data can be used to analyse library traffic patterns.

#### **Save energy during off-peak times**

Designed with energy saving features in mind, the power save mode only activates RFID detection when people are approaching. This "green" feature saves the library energy costs during off-peak times.

## Specifications : bibliotheca RFID gate™ premium

<b>Dimensions (w x d x h):</b>	Millimetres: 70 (Max at base) x 700 x 1,798 (± 3) Inches: 2.756 (Max at base) x 27.56 x 70,787 (± 0.1)
<b>Weight:</b>	Kilograms: 29 Pounds: 64
<b>Material:</b>	Transparent panel, aluminium white (RAL 9006) base Enclosure Rating: IP 41
<b>Power:</b>	Supply voltage: 24 V ac Power consumption: 32VA
<b>Data:</b>	Ethernet (TCP/IP)
<b>Performance:</b>	Reads up to 8 tags per second in all 3 orientations. Optimal coverage is achieved within 1,600 mm / 63 inches of separation. Detection of items cannot be 100% guaranteed in any gate setup due to a range of factors. Detection range and rates will always be reduced for CD and DVD media that contains metallic elements. Libraries wishing to get as close to 100% detection as possible should work with the project team, but should expect distance between gates to be reduced.
<b>RFID specification:</b>	Operating frequency: 13,56 MHz, Max. Transmitting power: 8 W Supported tags types: ISO 15693, ISO 18000-3-A, (NXP I-Code, SLI, SLix)
<b>Alarm:</b>	Visual & audible
<b>Standards compliance:</b>	CE, FCC Part 15, RSS 210, ADA, DDA
<b>Temperature range:</b>	Operating: -25 °C to +50 °C/Storage: -25 °C to +70 °C
<b>Configurations:</b>	Upto 8 panels can be daisy-chained to provide total coverage of 11.2m/441 inches.
<b>Installation:</b>	Standard installation requires underground cables to be installed.
<b>Software:</b>	Software is not required for RFID gate premium to operate, however, when used in conjunction with our staffConnect™ gate software, enhanced reporting is available.
<b>Additional features:</b>	Integrated Counter, standby mode to minimize power consumption
<b>Options:</b>	Side cover available in any RAL colour Additional mounting plate for damaged or difficult surfaces.

Although we make every effort to ensure information is correct at the time of release, it is possible that specifications and features may vary or change over time. bibliotheca therefore makes no representations or warranties as to the completeness or accuracy of the information contained within this document.

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transforming libraries