



bibliotheca RFID gate™

protect and secure your library materials using
state-of-the-art RFID security gates

With a modern and attractive clear panel design, the bibliotheca RFID gate™ not only offers superior detection but perfectly integrates with any library environment. The RFID gate reduces accidental or deliberate removal of library items by detecting RFID tags in any orientation. Upon detection, a configurable alert provides an immediate audible and/or visual warning.

benefits of the RFID gate™

outstanding performance to protect your collection

Provides breakthrough performance in read range and speed. Non-deactivated RFID tags are instantaneously detected regardless of orientation.

analyse library traffic patterns with visible library user counter

Each gate has an integrated bi-directional people counter that helps staff easily view and analyse both inbound and outbound library traffic patterns.

remotely configure and pull management reports

For in-depth statistics, configurations, and central management options, staff can access libraryConnect™ remotely, as long as they have access to the library network. This allows staff to remotely upgrade firmware, run monthly reports and change the alarm colours and patterns.

choose an alarm colour and alarm that fits your library

Immediate and obvious warning signal immerses the entire gate, drawing staff attention quickly. With 7 colours to choose from combined with an adjustable audible alarm, libraries can choose the perfect alarm for their environments.

combine multiple gates for wider entrances

The standard setup is a combination of two gates. Three or more gates in a row can be installed to cover wider areas effectively.



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.

simple to set-up and maintenance

We've designed our gates for simple set-up and maintenance so our trained technicians can cause little disruption to your library. This also allows your staff to quickly troubleshoot any concerns with our dedicated phone support teams.

Specifications : bibliotheca RFID gate™

Dimensions (w x d x h):	Millimetres: 73 (Max at base) x 680 x 1,780 (± 3) Inches: 2.87 (Max at base) x 26.77 x 70,08 (± 0.1)
Weight (per gate):	Kilograms: 28 Pounds: 62
Material:	Transparent panel, "aluminium like RAL9006" ABS with light texture base Enclosure Rating: IP 41
Power:	Supply voltage: 24 V ac Power consumption: 32VA
Data:	Ethernet (TCP/IP)
Performance:	Reads* up to 8 tags per second. Optimal coverage is achieved within 43 inches / 1,100 mm of separation. Coverage up to 47 inches / 1,200 mm can be achieved with certain tags. *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.
RFID specification:	Operating frequency: 13,56 MHz, Max. Transmitting power: 8 W Supported tags types: ISO 15693, ISO 18000-3-A, (Infineon my-d, NXP I-Code, SLI, SLIx, SLIx2)
Alarm:	Multi-colour*, customer selectable LED lights Variable alarm pattern and adjustable volume Highly visible integrated digital display to monitor alarm counts, ingoing and outgoing library user traffic, and diagnostics *Available colours: red, cyan, magenta, blue, green, yellow, white
Standards compliance:	CE, RCM, ETSI, FCC, IC, ADA, DDA, UL and CSA
Temperature range:	Operating: -25 °C to +50 °C/Storage: -25 °C to +70 °C
Configurations:	Standard configuration can support up to 7 panels to provide total coverage of 7.7m. Additional panels can be added by synchronising readers.
Installation:	Multiple installation options including direct attachment to the floor with either in floor wiring or a wire way and a baseplate option.
Software:	Software is not required for the RFID gate to operate, however, when used in conjunction with our staffConnect™ gate software, enhanced reporting is available.
Additional features:	Integrated bi-directional people counter, standby mode to minimise power consumption.

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.