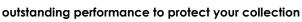# bibliotheca RFID gate™

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.

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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.

analyze library traffic patterns with visible patron counter
Each gate has an integrated bi-directional people counter that helps staff easily view and analyze 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 colors and patterns.

choose an alarm color and alarm that fits your library
Immediate and obvious warning signal immerses the entire gate, drawing staff attention quickly. With 7 colors 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.

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staffConnect™ gate software

Provide in-depth insights and allow staff to quickly address security alarms

Our intuitive and easy-to-use software helps libraries analyze foot traffic and triggered alarm patterns quickly and easily from a staff workstation. By providing library staff with detailed and reliable insights, they can make better data-informed decisions about their library.

remotely view number of library visitors counts

Quickly read the patron count data gathered from your security gates conveniently from a staff workstation. Easily reset the count to keep track of total daily visits, helping staff understand the amount of visitors that have come in and out of the library each day without needing to look at the physical gate for updates.

quickly notify staff of alerts that require attention

In addition to visual and audible security alarms at the gate, our staffConnect™ gate software notifies staff with a pop-up notification with all the necessary information to quickly resolve issues and minimize embarrassment for library users, while maintaining the security of the library collection.

intuitive insights with libraryConnect™ devices

libraryConnect™ devices allows you to aggregate data from all bibliotheca security gates at all locations into one central management hub, allowing you to easily perform a system-wide analysis. Through archived data, libraries can conveniently create consolidated reports by location or time and make data driven decisions based on usage trends.

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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, "aluminum 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-color*, customer selectable LED lights Variable alarm pattern and adjustable volume Highly visible integrated digital display to monitor alarm counts, ingoing and outgoing patron traffic, and diagnostics *Available colors: 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 synchronizing 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 minimize power consumption.

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