smartgate™600

Extend your library welcome with our wide aisle security gate

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 smartgate™600 effectively deters theft of valuable library materials while elegantly enhancing the library aesthetic. With over 230 side panel colour options, the smartgate™ 600 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 smartgate™ 600 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.

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Specifications

Dimensions (w x d x h):	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)
Weight:	Kilograms: 29 Pounds: 64
Material:	Transparent panel, aluminium white (RAL 9006) 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 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.
RFID specification:	Operating frequency: 13,56 MHz, Max. Transmitting power: 8 W Supported tags types: ISO 15693, ISO 18000-3-A, (NXP I-Code, SLI, SLIx)
Alarm:	Visual & audible
Standards compliance:	CE, FCC Part 15, RSS 210, ADA, DDA
Temperature range:	Operating: –25 °C to +50 °C/Storage: –25 °C to +70 °C
Configurations:	Upto 8 panels can be daisy-chained to provide total coverage of 11.2m/441 inches.
Installation:	Standard installation requires underground cables to be installed.
Software:	Software is not required for smartgate™ 600 to operate, however, when used in conjunction with our smartgate™ manager software, enhanced reporting is available.
Additional features:	Integrated people counter, standby mode to reduce energy consumption
Options:	Side cover available in any RAL colour Additional mounting plate for damaged or difficult surfaces.

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bibliotheca   info@bibliotheca.com | www.bibliotheca.com | smartlibraries