

bibliotheca hybrid gate™

Ideal for libraries that want to transition from EM to RFID
library security over time



The hybrid gate is our industry-leading hybrid gate, offering reliable detection of both EM security strips and RFID tags within a single gate platform. The product is therefore ideal for libraries that wish to migrate their inventory from EM to RFID over time, or wish to maintain security of EM labelled items - such as a reference area for example.

Audible and visual alarms

To prevent theft of library items, alarm lights are integrated into the gates along with an adjustable volume alarm.

Dual protection

hybrid gate uses both EM and RFID technology to provide crystal clear protection for libraries who want to begin with RFID technology without immediately replacing EM tags in their collection.

Versatile functionality

hybrid gate is compatible with all major EM and RFID tags. Switch Capacitor Filtering (SFC) allows the filtering capacity to be adjusted for maximum detection after installation. Magnetic media is safe from harm using the hybrid gate security system.

Multiple gate aisles

hybrid gate can be used as a single transponder system. However, optimal performance is achieved with an aisle constructed of two gates. Additional gates can be added with simultaneous operation of multiple aisles.

Integrated people counter

An optional people counter can record the number of people entering and leaving your library.

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Specifications

Dimensions (w x d x h):	Millimetres: 686 (Max at base) x 102 x 1,803 Inches: 27 (Max at base) x 4 x 71
Weight:	Kilograms: 30 Pounds: 66
Material:	Scratch-resistant clear acrylic antenna with stainless steel.
Power:	For each group of 1-3 gates: 110 V ac 230 V 50Hz Duplex Outlet with 5-15R Receptacle
Data:	Ethernet (TCP/IP)
Performance:	Optimal performance at 1.1 metre / 42 in separation. All major EM library tags are supported. RFID tags supported: All major 13.56 MHz, ISO 15693 compliant transponders, Tag-it, I-Code SLI, PicoPass.
RFID specification:	Operating frequency: 13.56MHz Tag types: ISO15693, Tag-it, i code, SLI and all major EM tag types.
Alarm:	Visual and audible
Standards compliance:	CE
Configurations:	Up to 3 gates can be controlled by a single EM EPQ Controller. Up to 4 gates can be controlled by a single RFID MC Q Controller. Each gate requires connection to an EM EPQ Controller, RFID MC Q Controller and AFI IOQ Controller. EM EPQ Controller must be within 3 feet. Of a grounded 3-wire outlet and between 5 feet to 12 feet from a gate.
Installation:	Standard installation requires use of threshold plates or underground cables to be installed.
Software:	Software is not required for bibliotheca hybrid gate™ to operate.
Options:	People counter for individual gates. Base-plate installation prevents the need to drill into the floor.

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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