smartgate™550

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

The smartgate™ 550 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 an inventory of EM labelled items - such as a reference area for example.

Constructed of scratch-resistant acrylic and stainless steel, smartgate™ 550 offers refined design and optimal performance across two security platforms. It offers aisle widths up to 1.1 m / 42 in, depending on the type and size of the EM security strip and RFID tag used.

Make the gradual transition from EM to RFID today!

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
smartgate™ 550 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
smartgate™ 550 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 smartgate™ 550 security system.

Multiple gate aisles
smartgate™ 550 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.

smartgate™550

Hybrid EM/RFID security system

Software

Software is not required for smartgate™ 550 to operate.

Construction

Scratch-resistant clear acrylic antenna with stainless steel.

Dimensions w x d x h

Millimeters: 686 (max at base) x 102 x 1,803
Inches: 27 (max at base) x 4 x 71

Weight

Kilograms: 30
Pounds: 66

Power

For each group of 1-3 gates:
110 V AC | 230 V 50Hz
Duplex Outlet with 5-15R Receptacle

Performance

Optimal performance at 1.1 m / 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.

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 ft. of a grounded 3-wire outlet and between 5 ft. to 12 ft. from a gate.

Installation

Standard installation requires use of threshold plates or underground cables to be installed.

Options

People counter for individual gates.
Base-plate installation prevents the need to drill into the floor.

Order code(s)

Please contact your local Bibliotheca office to confirm order codes for your specific model.

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