

# smartgate™ 570



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

The smartgate™ 570 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**

smartgate™ 570 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™ 570 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™ 570 security system.

#### **Multiple gate aisles**

smartgate™ 570 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.

# smartgate™ 570

## Integrated people counter

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

## Specifications

<b>Dimensions (w x d x h):</b>	Millimetres: 686 (Max at base) x 102 x 1,803 Inches: 27 (Max at base) x 4 x 71
<b>Weight:</b>	Kilograms: 30 Pounds: 66
<b>Material:</b>	Scratch-resistant clear acrylic antenna with stainless steel.
<b>Power:</b>	For each group of 1-3 gates: 110 V ac   230 V 50Hz Duplex Outlet with 5-15R Receptacle
<b>Data:</b>	Ethernet (TCP/IP)
<b>Performance:</b>	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.
<b>RFID specification:</b>	Operating frequency: 13.56MHz Tag types: ISO15693, Tag-it, i code, SLI and all major EM tag types.
<b>Alarm:</b>	Visual and audible
<b>Standards compliance:</b>	CE
<b>Configurations:</b>	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.
<b>Installation:</b>	Standard installation requires use of threshold plates or underground cables to be installed.
<b>Software:</b>	Software is not required for smartgate™ 570 to operate.
<b>Options:</b>	People counter for individual gates. Base-plate installation prevents the need to drill into the floor.

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