



2m



bibliotheca UHF gate™

protect and secure your library materials using
state-of-the-art UHF security gates

With a modern and attractive design, the bibliotheca UHF gate not only offers advanced detection but perfectly integrates with any library environment. The UHF gate reduces accidental or deliberate removal of library items by detecting UHF tags in any orientation. Upon detection, a configurable alert provides an immediate audible and/or visual warning.

bibliotheca

UHF gate™

Wider aisles increase accessibility

Libraries can create a more welcome and inviting entrance, easy for wheelchairs and strollers to pass through. Our wide aisle UHF gate allows libraries to place gates 2 meters apart without compromising on detection rates.

Ensure peace of mind with remarkable UHF detection

As UHF technology is designed for long range reading, we've refined our UHF antennas to perform better in the library environment by only detecting items that pass through the threshold. This fine-tuned detection safeguards your collection, as you will always be warned of potential theft without false alarms of stationary nearby items.

Analyze traffic patterns with optional patron counter

The UHF gate has an integrated bi-directional people counter that helps staff analyze both inbound and outbound library traffic patterns.

Sleek design with graphic promotion potential

The UHF gate was designed to fit nicely within any library entrance. Libraries can work with local vendors on promotional, eye-catching graphic panels that easily insert into the UHF gate frame. With a bit of creativity, your security gates can match your library brand or promote an upcoming program.



Specifications : bibliotheca UHF gate

Dimensions (w x d x h):	Millimeters: 450 x 1520 x 155 (max at base) Inches: 17.5 x 59.75 x 6 (max at base)
Weight (per gate):	Kilograms: 15 Pounds: 33
Material:	Aluminum and plastic (beige with light texture)
Power:	Power Supply: 100-240Vac, 50/60 Hz, 1.5A
Data:	Ethernet (TCP/IP)
Performance:	Reads* up to 120 tags per second. Optimal coverage is achieved within 80 inches / 2000 millimeters 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.
UHF specification:	Operating Frequency: 868 - 926 MHz (configured for country regulations) Max. Transmitting power: 30dBm Supported tag types: ISO 18000-63 (EPC Class 1 Gen 2v2) standard
Alarm:	LED lights Adjustable volume
Standards compliance:	Certifications will be provided per country regulations.
Temperature range:	Operating: 0 °C to +40 °C/Storage: -20 °C to +70 °C
Configurations:	Standard configuration can support up to 2 panels to provide total coverage of 2 meters. Multiple aisle configurations are available on request.
Installation:	Buried cable only.
Additional features:	Optional bi-directional people counter.

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