



bibliotheca UHF™ overhead

**create an open, welcoming library entrance
with concealed security detection**

Now adapted specifically for libraries, bibliotheca UHF overhead offers many benefits of nondescript retail security detection, while providing libraries with a more precise read-range that guarantees security integrity and reduces false alarms. Installed at entrances of up to 9.2 meters wide, the UHF overhead compliments any library entrance and can even be concealed behind ceiling drywall.

Using improved UHF detection technology, the UHF overhead continually monitors UHF tagged items with the “active zone” and only alarms for items within a designated range. Optimized for library spaces and collections, UHF overhead transforms library entrances, offering users an enjoyable and welcoming experience.



UHF overhead Center Console provides ultimate security and is easily concealed



Optional **UHF overhead Satellite Antennas** extend the detection range up to 9.2 meters



UHF overhead Alarm Box alerts staff to issues in a subtle manner.



benefits of UHF overhead

Supports wide and high entrances

Accommodating library entrances of up to 9.2 meters wide and 3.6 meters in height, UHF overhead provides maximum UHF security detection coverage for libraries with expansive doorways. Create a welcoming, open library entrance that does not include security pedestals or obstructed views of users entering and exiting the library.

Small, modular design

Due to its small form factor, UHF overhead is easily installed and serviced. The modular design allows libraries to be more flexible when positioning the device over unique doorways or architectural features. For libraries with tight spaces or odd configurations, UHF overhead ensures a simple implementation and sleek, modern look while providing accurate detection.

Improved performance

Rather than simply alarming for tags that are nearby, UHF overhead filters appropriate UHF tagged items as they move throughout the “active zone,” ensuring alarm integrity and reducing false alarms. With improved read accuracy and the ability to detect a greater number of UHF tags per second, UHF overhead provides libraries with a unique, reliable security detection solution.

Better aesthetics

Finished with a modern, nondescript black mesh, the UHF overhead has a similar appearance to an audio speaker and is easily concealed near most ceilings, making it a natural fit for open, welcoming library entrances. For libraries interested in better concealing their security detection system, UHF overhead can be installed in ceiling drywall, making it completely invisible.

Make better use of library space

UHF overhead can accommodate a large number of UHF tagged items in the “active zone” closer to the exit door than ever before, improving use of the valuable library entrance real estate while still ensuring valuable items are protected.

Specifications: UHF overhead

Dimensions:	Center Console (L x W x D): 554 x 422 x 124 mm Satellite Antennas (L x W x D): 407 x 229 x 25.4 mm Alarm Box: (L x W x D): 160 x 80 x 34 mm
Weight (Approximate):	Center Console: 24.86 lb. (11.28 kg) Satellite Antenna: 10.2 lb. (4.63 kg) Alarm Box: 1 lb. (0.4 kg)
Material:	Nondescript black mesh plastic
Performance:	Reads* up to 120 tags per second. Optimal coverage is achieved within the designated active zone and based on configuration (see configuration).
Data:	Ethernet (TCP/IP)
UHF Specification:	Operating Frequency: 868 - 926 MHz (configured for country regulations) Max. Transmitting power: 29dBm Supported tag types: ISO 18000-63 (EPC Class 1 Gen 2v2) standard
Alarm:	LED lights and adjustable volume from Alarm Box.
Power:	100 to 240 FAC, 50 to 60 Hz, 1.5 A max
Standards Compliance:	Certifications will be provided per country regulations.
Temperature Range:	Operating: 0 °C to +45 °C/Storage: -20 °C to +70 °C
Configuration:	Standard configuration includes Center Console flanked by 2 Satellite Antenna providing coverage of 3.7 meters wide by 3.6 meters in height. Additional components can be added to extend coverage up to 9.2 meters in width.
Installation:	UHF overhead can be installed above doorways or within ceiling drywall.
Additional Features:	Optional non-integrated patron counter.

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