

D-Tech RFIDGate Antenna System

D-Tech's RFIDGate system provides superior perimeter based protection for all your library materials. Our RFIDGate eliminates false alarms and increases the staff's confidence in handling alarms. D-Tech RFIDGate is recommended for Libraries where traditional RFID systems are not appropriate or where enhanced protection is required.

Packaged in a durable Plexiglas frame with attractive stainless steel base, the RFIDGate system will provide an obvious deterrent with an aesthetically pleasing design.

Features:

- Works with the complete range of D-Tech 13.56 MHz RFID labels as well as items tagged with approved labels from book suppliers
- D-Tech's advanced digital radio frequency identification technology uses state of the art digitally enhanced "receiver to chip" technology to ensure superior detection with false alarm-free protection
- Integrated alarm lights and sound provide individual aisle identification through multiplexing
- Integrated lights illuminate system for visual impairment and to indicate system is on and working
- D-Tech 'GateViewer' software application identifies all alarm incidents.
- Mounts as a "free standing" unit bolted to the floor



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Specifications:

Physical Antenna:



	Antenna	Reader 1watt	Reader 4 watt	Multiplexer MUX	Light option regulator
Height	69" (1750mm)	7.25" (184mm)	13" (330mm)	3.5" (89mm)	3.75" (95mm)
Width	4.3" (109mm)	4.3" (109mm)	7.1" (180mm)	4.3" (109mm)	4.3" (109mm)
Length	19.5" (495mm)	10.6" (269mm)	4.7" (119mm)	7.2" (183mm)	7.1" (180mm)
Weight	50 lbs.	3 lbs.	5 lbs.	2 lbs.	3.75 lbs.

Material:

Frame: transparent acrylic panel

Lower base: Stainless Steel

Power Supply:

100/120 VAC, 60 Hz.

Electronics:

LR2000/TS 400, light regulator and power unit, multiplexer for larger aisle configurations

Installation Requirements System

To cover one single aisle requires two transceiver antenna, and one LR2000 RFID power supply and splitter unit. Adjustable footplate included in package for floor fixing and levelling. Conduit provision needs to be provided.

Power Supply

One per electronics – dedicated clean grounded power outlet required.

One per light unit-same adjacent to above unit 15 amp fused with grounded power outlet.

AFI/EAS

Recommended AFI mode for GateViewer software application, but also the EAS security bit feature is available if desired.

Location

The system location and layout is to be detailed and decided upon by the RFID Project Manager in conjunction with the Client Team

Single Aisle Part Number:
Transceiver DT10420

Dual Aisle Part Number:
Transceiver DT10430

Triple Aisle Part Number:
Transceiver DT10440