

TECH DATA

POWERED SYSTEMS OPERATIONS

Photo Sweep®

Spacesaver's Photo Sweep safety system uses infrared photoelectric technology to provide protection for people and objects in the open aisles of mobile storage systems.

BENEFITS

1. Manual reset further protects objects left in the aisle by requiring that they be cleared from the affected sweep before normal system operation can resume.
2. 3/4" (19 mm) beam activation height above the floor detects even low, small objects on the aisle floor.
3. Solid state construction ensures long term reliability.
4. Design flexibility permits additional optional sensors to be mounted at variable locations to detect open doors, drawers, pull-out reference shelves, extended files or books, or other objects.
5. Face panel mounted controls provide clear visual indication of the system's operating status.

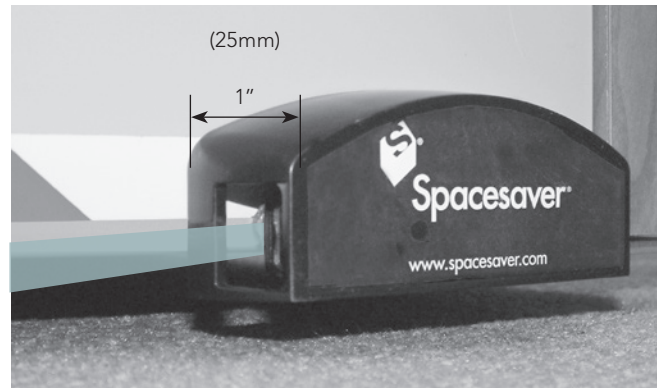
DESIGN AND CAPABILITIES

Spacesaver's Photo Sweep ensures safety with a photoelectric sensing system that detects people and objects on the floor of a closing aisle and immediately stops carriage movement.

The system features an infrared beam located in each aisle, 3/4" (19 mm) above the floor that scans the entire length of the carriage for obstructions.

If the beam is interrupted in a closing aisle, the system immediately stops the activated carriage. To return the system to normal operation, manual reset is required at the obstructed aisle. A flashing indicator at that aisle tells users where to check for obstructions and reminds them to reset the system.

Photo Sweep is always active and operational, even when the carriages are not moving. Should a user be



in an aisle and block the beam, the carriages will not move. Photo Sweep will automatically reset if the beam is blocked and then cleared when the carriages are not moving. This automatic reset feature eliminates nuisance resetting during normal aisle usage.

APPLICATION

Photo Sweep is compatible with all Spacesaver powered system carriages. Photo Sweep may be used one per aisle location, however, two per moveable carriage may also be specified. Photo Sweep is available for carriages up to 81' (25 m) in length.

TECHNICAL SPECIFICATIONS

PHOTO SWEEP:

Every potential aisle shall be protected with a solid state infrared, Photo Sweep sensor system located on the carriage 3/4" (19 mm) above the floor scanning the entire length of the carriage. When the beam is interrupted by a person or object as the aisle is closing, the carriage shall stop. Photo Sweep shall be operational when the carriages are not moving. Should a beam be blocked in an open aisle, the carriages will not close on that aisle. Photo Sweep shall automatically reset if blocked and then cleared when the carriages are not moving.

For powered control operation and options, refer to separate Tech Data sheets.

* Specifications subject to change.

BRADFORD
SYSTEMS

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