Single Panel Automated Door Drive - Straight Up and Down

- Typically used for appliance garages, safes, pantries, TVs boardrooms etc.
- Door only moves straight up and down.
- The door drive is a motor tube with lifting straps. Starting and stopping points for the door are set at installation.
- Doors are not included. System includes tracks, motor drive and controls.
- Controls available include IR remote, RFQ remote, low voltage switch, 120 volt switch and Home Automation Integration
- Custom guides and roller assemblies available
Door Lifting Straps - attach to back or top of door

Mounting Brackets

Roller Assemblies mount on the back of the door and integrate with the guides

Motor Tube and Lifting Straps and guides all hidden behind fixed panel

Front view

1 1/2

Shaded area - trim and fixed panel around door

Guides – hidden behind face frame/trim
Guides/tracks on each end.

Straps each side

Roller Assembly

Motor tube - 2 inch diameter

4" minimum

Fixed panel

Motor Tube – can also be placed lower or anywhere it can implement proper leverage

2.5

1 1/2

Door

Fixed panel and trim

OPEN

Side View

CLOSED

Guides/tracks

Door

Motor Tube - 2 inch dia

StorageMotion, Inc.
www.storagemotion.com
Guides and Roller Assembly

Top View

Guides/tracks

NOTE: Front of guides will align with the back of the door

NOTE: Custom roller assembly designs also available
Guides and Roller Assembly

Length of Guides is typically twice height of the door plus a few inches.

Length of Roller Assembly depends on height of the door.

Side view
Right side steel motor brace Secures with 2 to 4 screws

Motor Tube Mounting Brackets

Side View Motor End

Motor head

1"

Motor tube – 2 “ dia

1"

Side View NON - Motor end

Secures with 3 screws

Left Side idler bracket -1.75 dia

Front View Motor end

Front View NON - Motor end
Lifting Strap brackets

Strap

Clip rotates on this axis

Single hole metal clip

1”
Top view – Optional Approach

This approach allows the guides to be moved out right and left to help further conceal them.