

Installation and Operation Manual - DSC LC-L2ST Mounting Bracket

Important notice: this manual is not an official DSC or TVC document. TVC does not publish a datasheet or manual for this accessory, and no public DSC datasheet is available. Product data comes from the TVC product page (tvc.mx/products/63682) and the ADI catalog (3W-LCL2ST); everything else is general good practice. Always follow the motion sensor's installation manual.

1. Overview

The LC-L2ST is an optional swivel bracket for wall mounting DSC LC-2xx series motion sensors. It lets you aim the sensor at the area to be protected when mounting it flat on the wall or in a corner is not practical. It has no electrical parts.

Item	Value
Product name	DSC LC-L2ST - Optional mounting bracket for LC-2xx series sensors
Brand	DSC
Model	LC-L2ST
Type	Swivel wall bracket
TVC code	DSC1220037
SAT code	46171602
UPC	820043016833
Warranty	12 months

Compatibility: DSC LC-2xx series motion sensors. Confirm in your sensor's manual that it supports this bracket.

Unpublished data: the manufacturer does not publicly list the swivel range, dimensions or material. Check them on the actual part.

2. Required materials and precautions

Included: LC-L2ST bracket. Check the package to see whether screws are included.

Not included: motion sensor, wall anchors and screws, sensor cable.

Suggested tools: drill, Phillips screwdriver, level, pencil.

Precautions:

- Disable or bypass the zone at the panel before installing the sensor, to avoid alarms.
- Check for pipes or wiring inside the wall before drilling.
- Do not overtighten the screws: this can deform the plastic of the bracket or the sensor.
- Do not pinch the sensor cable between the bracket and the wall.

3. Location

The sensor, not the bracket, determines the location. Follow the mounting height and orientation given in your LC-2xx sensor's manual.

- Aim the sensor so that expected movement crosses its detection pattern rather than moving straight toward it.
- Avoid pointing it at windows, heat sources, or air conditioning or heating vents.
- Use a firm, vibration-free wall.

4. Installation

- 1 Hold the bracket against the wall at the height specified in the sensor manual and mark the mounting holes.
- 2 Drill, insert the anchors and fasten the bracket with screws.
- 3 Route the sensor cable through the bracket, if its design allows, to keep it hidden.
- 4 Mount the sensor base on the bracket following the sensor manual.
- 5 Connect the sensor wiring and close the cover.
- 6 Swivel the bracket to aim the sensor at the area to be protected.
- 7 Perform a walk test with the sensor LED enabled and adjust the aim if needed.
- 8 Once coverage is correct, tighten the bracket adjustment so it does not move.
- 9 Restore the zone at the panel.

5. Operation

The bracket requires no operation: it simply holds the sensor in the chosen position. If the layout of the space changes (furniture, partitions), re-aim the sensor and repeat the walk test.

6. Maintenance, troubleshooting and warranty

Task	Suggested frequency
Check that the bracket is firm and has not rotated	Every 6 months
Sensor walk test	Every 6 months
Clean dust from the bracket and sensor with a dry cloth	Every 6 months

Problem	Likely cause	Solution
Sensor changes position	Loose bracket adjustment	Re-aim and tighten the adjustment
Areas without detection	Incorrect aim	Re-aim and repeat the walk test
False alarms	Sensor aimed at a window, heat or air flow	Re-aim or relocate the sensor
Bracket loose on the wall	Wrong anchors	Remount with the correct anchor type

Warranty and support: 12 months according to TVC. For support, visit the TVC Forum (foro.tvc.mx) or your TVC branch.