

FC-Series De-Ice Kit Installation Guide



Windowed
ring



Spanner
wrench

Items Included in Kit

Caution!

Except as described in this guide, do not disassemble the FC-Series camera. Damage to the camera can occur as the result of careless handling or electrostatic discharge (ESD).

De-ice kits are available for FC-Series cameras with a 60 mm or a 75 mm lens. Do not use these kits with any other camera or lens.

The de-ice kit improves the camera's de-icing capability, which results in a slight reduction in thermal sensor sensitivity. It should only be installed during the winter and in places where it is cold enough for ice to likely accumulate.

Do not smudge or leave finger prints on the de-ice kit or on the camera lens. Handle only the de-ice kit's windowed ring, the factory-installed unwindowed ring on the camera lens, and the O-ring at the bottom of the threaded inside rim of the camera lens.

Step 1 Turn on the heaters using the camera's web page:

- a. Log in to the camera's web page as **expert** or **admin**.
- b. In the **Maintenance** menu, browse to **Sensor > Devices > Thermostat**. The camera firmware version must be V2.03.P06 or later. For information about upgrading the camera's firmware, see the *FC-Series O/ID Installation Manual*.

FLIR Systems, Inc.
6769 Hollister Avenue
Goleta, CA 93117
USA
Support: <https://www.flir.com/support-center/support-hq/>

Corporate Headquarters
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA



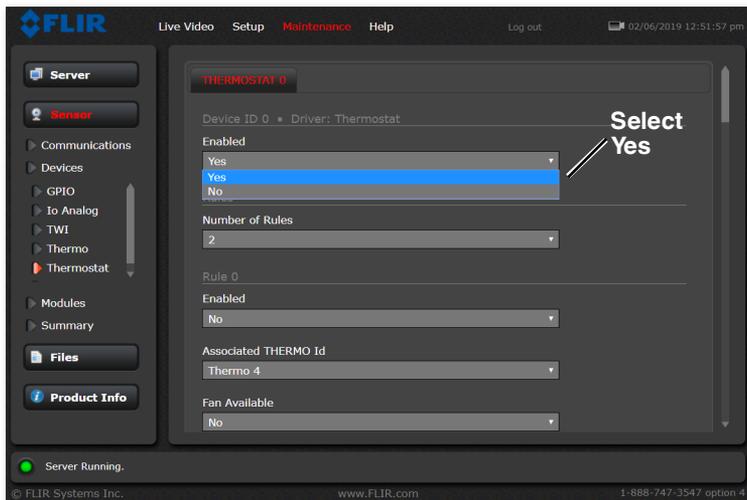
421-0056-00-28 Rev 100

421-0056-00-28 Rev 100

March 2019

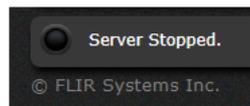
This document does not contain any export-controlled information.

- c. Enable the thermostat driver.



This enables rule 1, labeled Delce. (Rule 0 is labeled DeFog.)

- d. Scroll to the bottom of the page and click **Save**.
- e. Restart the server: Click the green status button next to Server Running once to stop the server. After the server is stopped, click the button (now black) again to start the server.



Step 2 Expose the lens threads: Using the spanner wrench, carefully unscrew the factory-installed unwindowed ring on the camera lens (pictured) to expose the threads on the outside rim of the lens. This ring is coated with O-ring lubricant. Make sure lubricant does not get on the camera lens.



Step 3 Install the de-ice kit:

- a. Using the spanner wrench, thread the windowed ring onto the lens. Be careful not to cross-thread or damage the threads on the outside rim of the lens.
- b. When the windowed ring contacts the O-ring and turning encounters more resistance, continue tightening for an additional half turn. This ensures the window makes direct contact with the lens metalwork. Failing to fully tighten the ring onto the lens reduces the heating performance of the de-ice kit.