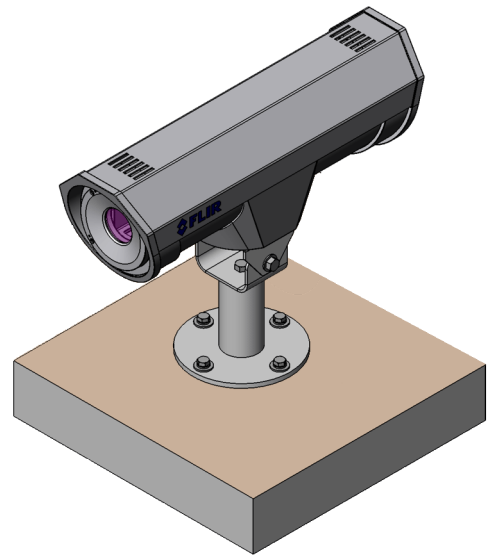
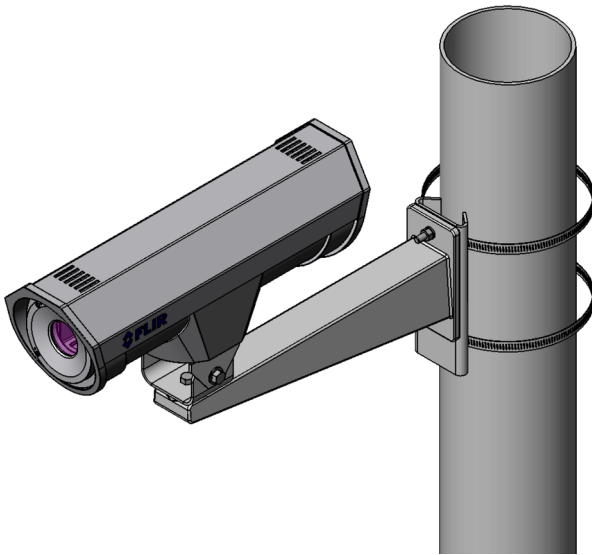
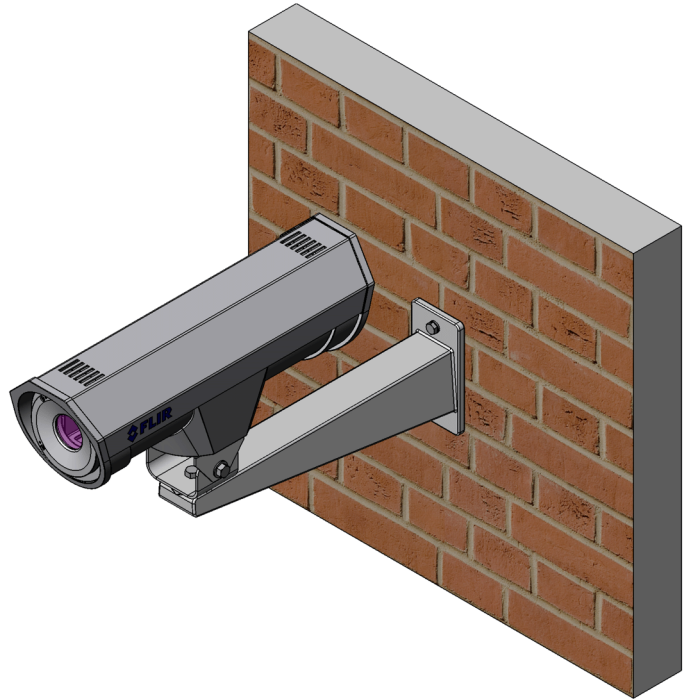


F-Series Camera

Mounting Accessories



Document Number: 427-0462-00-12
Version: 100
Issue Date: September 2010

© 2010. All rights reserved worldwide.
FLIR Commercial Systems, Inc.
70 Castilian Drive
Goleta, CA 93117
www.flir.com

Phone: +1.888.747.FLIR (+1.888.747.3547)

This document is controlled to FLIR Technology Level EAR 1. The information contained in this document is proprietary and/or restricted and pertains to a dual use product controlled for export by the Export Administration Regulations (EAR). This document and data disclosed herein or herewith is not to be reproduced, used, or disclosed in whole or in part to anyone without the written permission of FLIR Commercial Systems, Inc. Diversion contrary to US law is prohibited. US Department of Commerce authorization is not required prior to export or transfer to foreign persons, parties, or uses otherwise prohibited.

Important Safeguards and Warnings

- Installation and servicing should be done by qualified installation and service personnel only.
- Installation should be done according to all local and national electrical and mechanical codes, using only approved materials.
- Make certain the mounting surface can support the full load of the mount and camera.
- Use only installation methods and materials capable of supporting four times the maximum weight of the equipment to be mounted.
- Use stainless steel hardware to fasten mounts to outdoor surfaces.
- To prevent damage from water leakage when installing mounts outdoors, apply sealant around the bolt holes between the mount and the mounting surface.

Installation of F-Series Wall Mount Assembly (500-0462-00)

Description: The FLIR F-Series wall mount (4119501) is designed for use with light- and medium-weight cameras. The mount also features a fully adjustable swivel head allowing 360 degrees horizontal and 75 degrees of vertical adjustment. The mount is constructed of aluminum and has a gray polyester powder coat finish.

Kit Contents:

F-Series wall mount 4119501

6 each 1/4-20 x 5/8 SHCS, S.S.

6 each 1/4 split washer

6 each 1/4 flat washer

Two extra pieces of
each attaching part

Specifications:

Pan Adjustment	Unlimited 360°
Tilt Adjustment	±75° (up or down)
Construction	Cast aluminum wall arm with aluminum adjustable head
Finish	Gray polyester powder coat
Locking Method	3/8-16 hex head bolts
Camera Mounting	4 each: 1/4-20 mounting bolts and split washers (supplied)
Suggested Mounting Method	Secure to solid surface with 2 fasteners (5/16-inch (or M8) diameter recommended)
Maximum Load	40 lb. (18 kg)
Weight	3.05 lb. (1.39 kg)

Installation: The mount will support loads up to 40 pounds (18 kg).and may be attached to any vertical load-bearing surface with suitable user-furnished hardware, or it may be attached to a FLIR pole mount adaptor (4119507). The mount requires two fasteners to secure it to the mounting surface. These fasteners are not supplied (5/16-inch (or M8) diameter recommended).

- Step 1 Skip this step if you are attaching the F-Series wall mount to a pole mount adaptor. Refer to "Installation of Pole Mount Adaptor (4119507)" on page 4. Using the wall mount as a template, drill four mounting holes into the mounting surface. Also drill a hole for electrical cables, if required.
- Step 2 Attach the wall mount to the mounting surface with 5/16-inch (or M8) stainless steel hardware (not supplied). To prevent water damage if installed to a wall outdoors, seal the bolt holes with appropriate sealant (not supplied). Apply the sealant around the bolt holes between the mount and the mounting surface.
- Step 3 Attach the camera securely to the wall mount with the four flat washers, four lock washers and four 1/4-20 x 5/8" socket head cap screws provided.
- Step 4 Loosen the hex head bolts on the swivel head and adjust for pan rotation (360 degrees) and tilt angle (75 degrees up or down). Retighten the bolts to lock the swivel head into place.

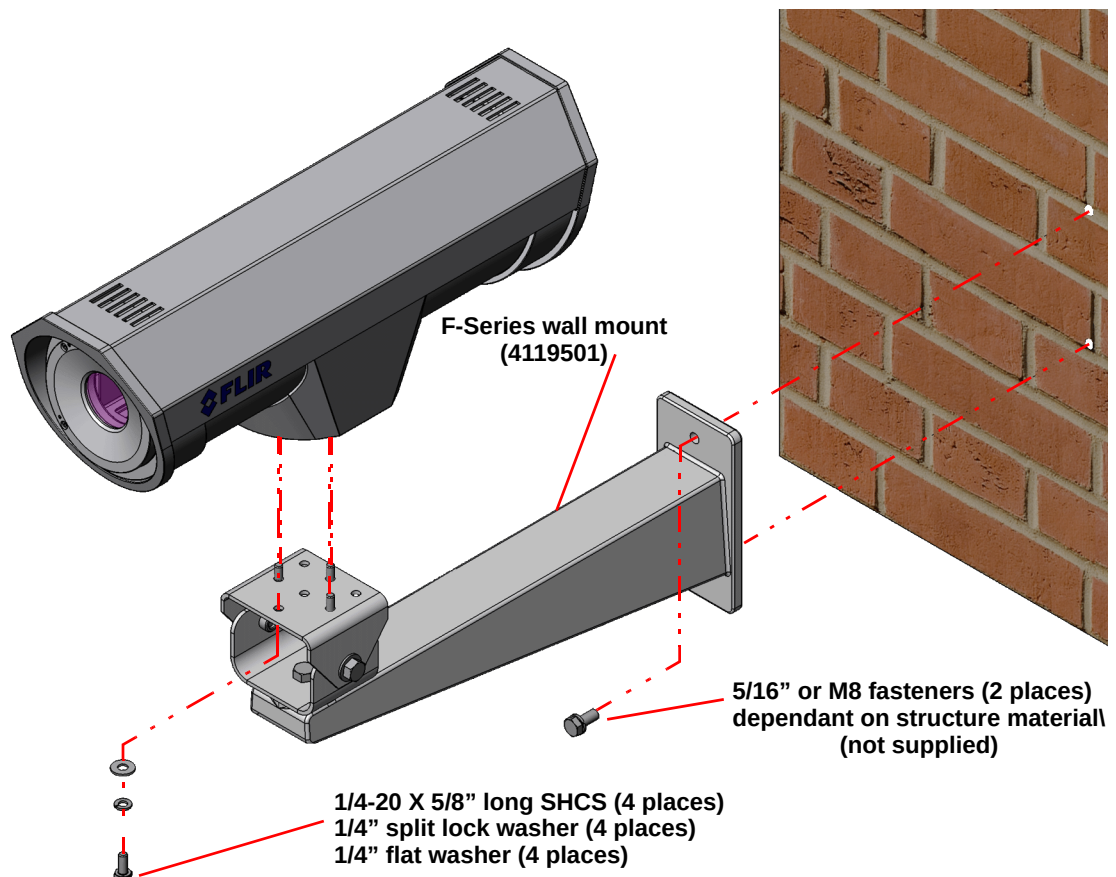


Figure 1: Wall Mount (4119501)

Refer to the *F-Series Camera Installation Manual* for information regarding the installation of F-Series cameras.

Installation of Pole Mount Adaptor (4119507)

Description: The FLIR F-Series pole mount adapter (4119507) is designed to permit the use of the standard wall mount when installation of a F-Series camera is required on a pole. The pole mount adapter is for use with the F-Series wall mount assembly (500-0462-00) and attaches on poles having 1.5-inch (3.81 cm) to 8-inch (20.32 cm) diameters.

The FLIR F-Series pole mount adapter (4119507) is supplied with stainless steel straps for fastening the adapters to poles. Stainless steel hardware also is provided for attaching mounts to the adapters. The pole mount adapter is constructed of aluminum and has a gray polyester powder coat finish.

Kit Contents:

F-Series pole mount adapter 4119507

2 each 5/16 split lock washer

2 each 5/16 nut

Specifications:

Construction	Aluminum
Finish	Gray polyester powder coat
Dimensions	8.00" H x 3.00" W (20.32 x 7.62 cm)
Weight	0.9 lb. (0.4 kg)

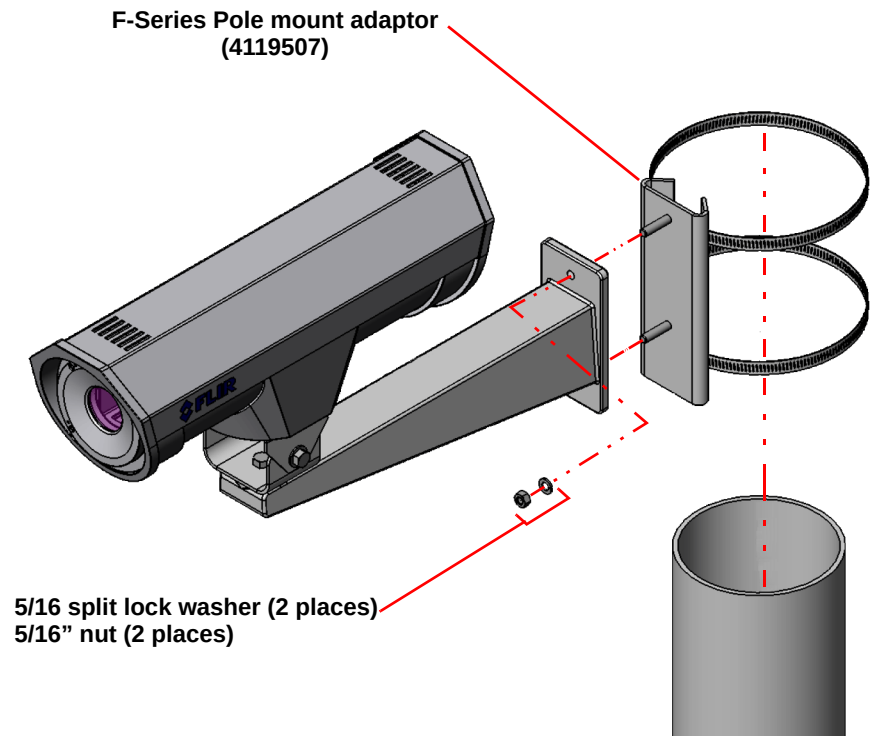


Figure 2: Pole Mount Adaptor (4119507)

Installation: See Figure 2 for a detailed exploded view of the mount installation.

- Step 1 Position the pole mount adaptor on the pole and attach it to the pole with the stainless steel straps provided. Tighten the strap screws securely.
- Step 2 Attach your mount to the pole mount adaptor with the provided nuts and washers and tighten securely.
- Step 3 Also refer to "Installation of F-Series Wall Mount Assembly (500-0462-00)" on page 2.

Installation of F-Series Pedestal Mount (500-0463-00)

Description: The FLIR F-Series pedestal mount (4119499) is designed for use with light- to medium-weight cameras and will safely support loads up to 40 pounds (18 kg). The mount also features a fully adjustable swivel head allowing 360 degrees horizontal and 75 degrees vertical adjustment. The mount is constructed of aluminum and has a gray polyester powder coat finish.

Kit Contents:

F-Series pedestal mount (4119499)

6 each 1/4-20 x 5/8 SHCS, S.S.

6 each 1/4 split washer

6 each 1/4 flat washer

Two extra pieces of
each attaching part

Specifications:

Pan Adjustment	Unlimited 360°
Tilt Adjustment	±75° (up or down)
Construction	Aluminum billet with aluminum adjustable head
Finish	Gray polyester powder coat
Locking Method	3/8-16 hex head bolts
Camera Mounting	4 each: 1/4-20 mounting bolts and split washers (supplied)
Suggested Mounting Method	Secure to solid surface with 4 fasteners (5/16-inch diameter recommended)
Maximum Load	40 lb. (18 kg)
Weight	2.6 lb. (1.18 kg)

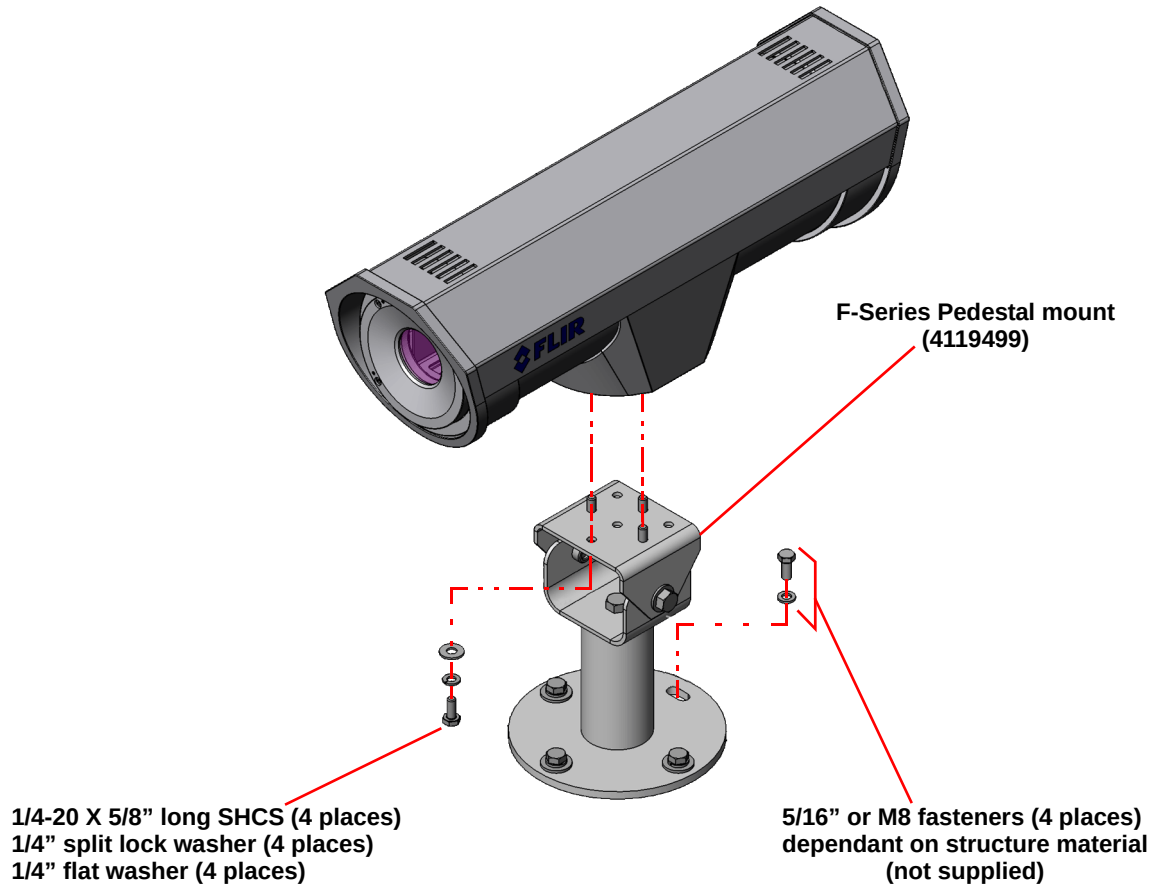


Figure 3: Pedestal Mount (4119499)

Installation: See Figure 3 for a detailed exploded view of the mount installation.

- Step 1 Using the pedestal mount as a template, drill holes into the mounting surface.
- Step 2 Attach the pedestal mount to the mounting surface with 5/16-inch (or M8) diameter stainless steel fasteners (not supplied). To prevent water damage if installed outdoors, seal the bolt holes with appropriate sealant (not supplied). Apply the sealant around the bolt holes between the pedestal mount and the mounting surface.
- Step 3 Attach the camera securely to the wall mount with the four lock washers and four 1/4-20 x 5/8" socket head cap screws provided.
- Step 4 Loosen the hex head bolts on the swivel head and adjust for pan rotation (360 degrees) and tilt angle (75 degrees up or down). Retighten the bolts to lock the swivel head into place.

Refer to the *F-Series Camera Installation Manual* for information regarding the installation of F-Series cameras.

(Design and product specifications subject to change without notice.)

