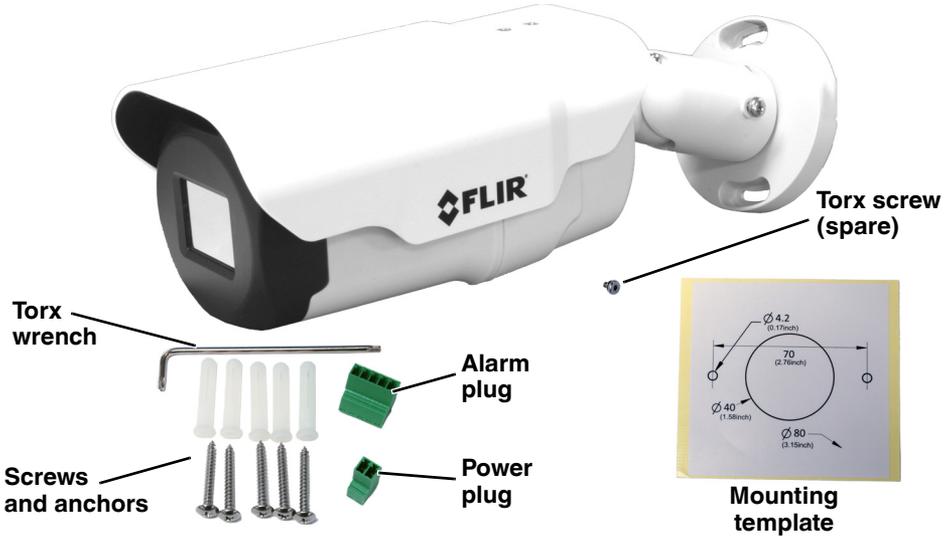


# FB-Series Camera Quick Connect Guide



## Items Included in Kit

### Caution!

Do not disassemble the FB-Series camera. Damage to the camera can occur as the result of careless handling or electrostatic discharge (ESD).

Before installing the FB-Series camera you should read and understand the following documents which provide details regarding mechanical dimensions and installation safety.

- FLIR FB-Series Installation Manual (427-0064-00-12)

**Power:** Power Over Ethernet (PoE) or 12 Vdc or 24 Vac

**Power terminal plug:** wire size from 16 AWG to 20 AWG

**Analog Video Cable:** BNC-terminated RG-59/U solid-center coax cable

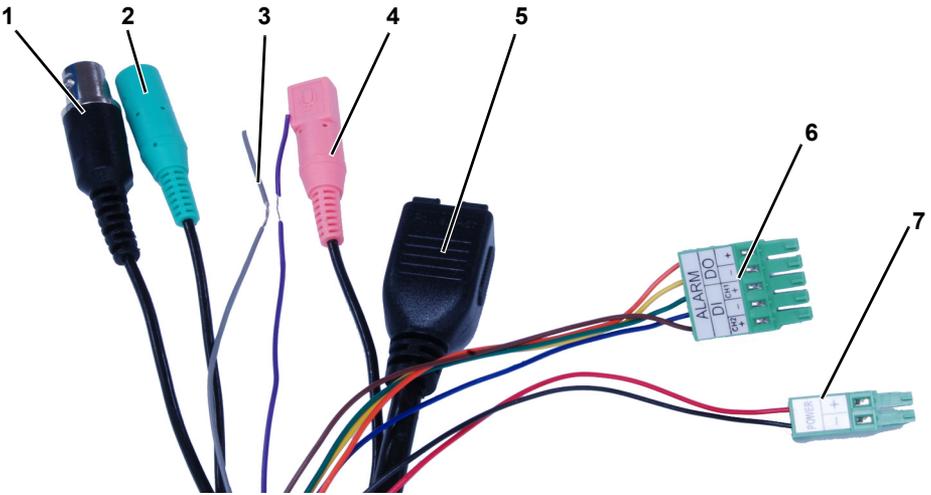
**Ethernet Cable:** Cat5e or Cat6

**I/O terminal plug:** not supported

FLIR Systems, Inc.  
6769 Hollister Avenue  
Goleta, CA 93117  
USA  
Support: <http://www.flir.com/security/display/?id=71083>

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

**Figure 1-1: Camera Connections**



	Connection	Purpose
1	BNC	Analog video
2	Green barrel	not supported
3	Purple D-	not supported
	Grey D+	
4	Pink barrel	not supported
5	Ethernet	PoE power, communications, IP video stream
6	5-pin plug	not supported
7	2-pin plug	Vac or Vdc power

## Step 1 Mount camera.

### Warning!



Before drilling into walls or ceilings for mounting the camera, verify that areas behind these positions do not contain electrical or other utility service lines. Serious injury or death may result from failure to heed this warning.

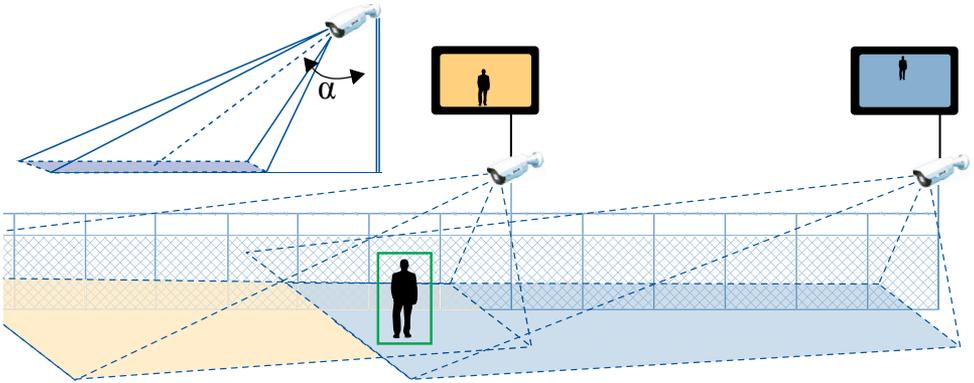
- a. To install the camera, place the supplied sticky back template in position.
- b. Drill a cable entry hole in the center of template or use the slot for surface mounting the cables.
- c. Drill holes slightly smaller than the supplied plastic screw anchor on each marked screw hole.
- d. Insert the plastic screw anchors into the holes.
- e. Connect the camera cables. Refer to [Camera Connections](#) for connecting cables.
- f. Cable connections are not waterproof. Seal all exposed connections.
- g. Match the screw holes of the camera with the plastic screw anchors and fasten the camera with the supplied M4 screws.



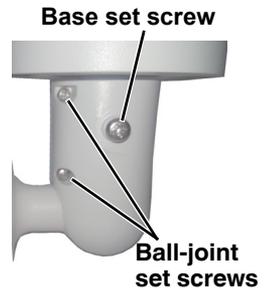
**Step 2 Discover camera:** Power the camera. Use a PC connected to the camera network and the DNA utility to discover the camera.

- a. Download the DNA utility (2.1.3.15 or later) from: <http://www.flir.com/security/display/?id=73533>.
- b. Un-zip the utility, then double-click and run the executable file  **DNA.exe**. All the units on the VLAN are discovered.
- c. Select the camera, then select **Assign IP** to change the IP addressing from the default static IP address (192.168.0.250) to DHCP or to an appropriate address for the network.
- d. Double-click the camera in DNA's **Discovery List**. The unit's **Login** window opens in your browser (IE 8 or above).
- e. Enter the user name ("admin") and default password ("admin"). The camera's **Live Video** web page opens.
- f. Use the video scene on the Live Video web page to finalize the camera position for the desired scene. Refer to [Point camera](#).
- g. For instructions on other functions available using DNA, such as selecting between PAL or NTSC analog video format, refer to the DNA User's Manual in the Help ( ? ) link while the software is running.

**Step 3 Point camera.** Setting the final scene view of the camera may require two people; one to view the video, the other to point the camera. Typically direct the camera towards the ground with a tilt angle  $\alpha$  of  $45^\circ$  to  $60^\circ$ . Include as little skyline as possible in the field of view.



- Loosen the base set screw in order to rotate the camera at the base.
- Loosen the two ball-joint set screws in order to manipulate the camera positioning at the ball joint. The camera can be twisted and pointed up or down at the ball joint.
- Point the camera in the desired direction and fasten the screws.



427-0064-00-28 Rev 100