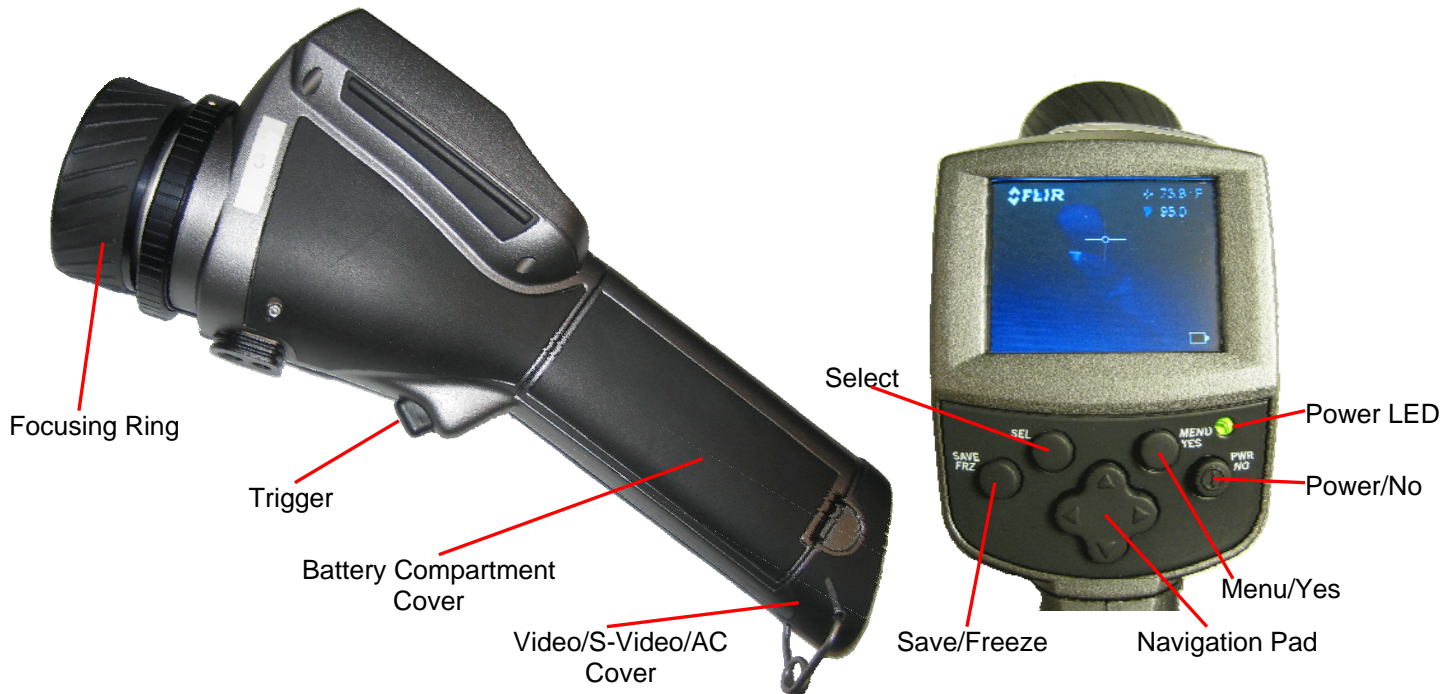


QuickStart: FLIR E Series



- MEMORY:** This camera has internal memory for image storage.
- POWER:** Open the battery cover on the side of the handle and insert a charged battery. The battery is charged by the included adapter which is plugged into the camera under the AC cover at the base of the handle. (Battery life indicator is displayed in the lower right corner of the LCD screen)
- START:** Press and hold the Power button until the LED turns on indicating the camera is initiating its start sequence.
 - Remove the lens cap.
 - The LCD display will turn on and you will see the default start up screen with a live infrared image.
 - To turn the camera off hold the Power Button.
- FOCUS:** Focus is achieved by manually rotating the focusing ring on the infrared camera lens.
- AUTO ADJUST:** (Level and Span) When the camera is turned on it will, by default, be in the auto adjust mode.
- MANUAL ADJUST:** Press the Menu button to show the drop-down menu items. Using the navigation pad's directional keys highlight Manual Adjust then press the Menu/Yes again to place the camera in manual mode.
 - To adjust Span (in Manual mode) use the left and right arrows of the Navigation Pad to increase or decrease the image span. Arrow heads will appear in the palette bar to indicate the direction of change.
 - To adjust Level use the up and down arrows of the Navigation Pad to raise or lower the image level. Indicators in the palette bar will again appear.

NOTE: While in the manual mode you can still have the camera perform an auto adjust by pulling and releasing the trigger.

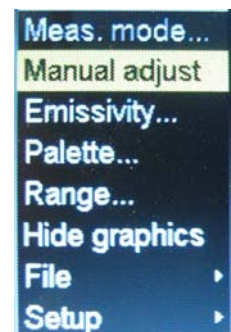


Fig. 1

QuickStart: FLIR E Series

7. **FREEZE IMAGE:** Simply push the Save/Freeze button. “Frozen” will appear in the upper right portion of the screen (Fig. 2).
8. **SAVE IMAGE:** First freeze the image as above. A dialog box will appear at the lower portion of the screen prompting you options, select the Save/Yes button to save the image or the Power/No button to return to live mode.
9. **RECALL IMAGE:** In live mode press the Menu/Yes button to

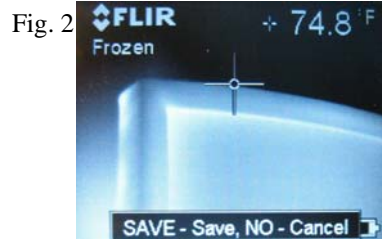


Fig. 2



Fig. 3

show the drop-down menu items. Using the navigation pad’s directional keys, highlight File, (fig.3) then Images, then press the Menu/Yes button.

- Use the navigation pad to highlight the desired image then push the Menu/Yes button to View.
 - To return to live mode press Power/No button twice.
10. **PALETTE:** Press Menu/Yes, and then scroll down to Palette using the Navigation pad. Now highlight the desired palette then push the Menu/Yes button to select that palette and return to a live image.
 11. **RANGE:** Press Menu/Yes, and then scroll down to Range using the Navigation pad. Now highlight the desired range then push the Menu/Yes button to select that range and return to a live image. Note: Some E-Series cameras have only one range and will not have this menu item.
 12. **EMISSIONITY:** In live mode press the Menu/Yes button to show the drop-down menu items. Using the navigation pad’s directional keys, highlight Emissivity, (fig.3) then press the Menu/Yes button.
 - Make sure the current Emissivity value is highlighted.
 - Use the navigation pad Left/Right to change the Emissivity value.
 - To save the change and return to live mode press Menu/Yes button.
 13. **BACKGROUND (T-Reflective):** In live mode press the Menu/Yes button to show the drop-down menu items. Using the navigation pad’s directional keys, highlight Emissivity, (fig.3) then press the Menu/Yes button.
 - Move down to highlight the T-Reflective value.
 - Use the navigation pad Left/Right to change the T-Reflective value.
 - To save the change and return to live mode press Menu/Yes button.

IFOV =2.72 mRad (Theoretical with 160x120 Detector and standard 25°x19° lens)



Detect 1in. target @ 30ft.