

QuickStart: FLIR/EXTECH i3, i5, i7



1. **MEMORY:** Insert a miniSD card into the slot under the rubber Memory/Charge/Data cover on the side of the handle (Fig.1).

2. **POWER:**

- Slide the battery access cover down to open, connect the battery's cable connector to the camera's internal connector, insert the battery and replace cover.
- The battery must be charged inside the camera by connecting the power supply to the center port under the Memory/Charge/Data cover (Fig.1).
 - Once plugged in the battery charging indicator LED will change from orange to green when the battery is fully charged.



Fig.1

3. **START:** Press the On/Off button to power the camera on or off.

4. **FOCUS:** The i-series is a fixed focus camera with no adjustment needed. **IMPORTANT NOTE:** Minimum focus distance = 24 inches.

5. **AUTO ADJUST:** In Auto mode the i-series will continuously auto adjust both Level and Span (Brightness and Contrast).

- To switch between Auto mode and Manual (or Locked) mode, press the Right Selection Button.
- No padlock icons (Fig.2) will appear on the lower portion of the LCD when the camera is in Auto Adjust mode.

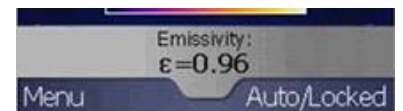


Fig.2

6. **MANUAL ADJUST:** When entering into manual (Locked) mode, Level and Span are locked at their current settings.

- If in Auto mode press the Right Selection Button to switch to Manual (Locked) mode.
- Padlock icons will now be displayed on the LCD (Fig.3).

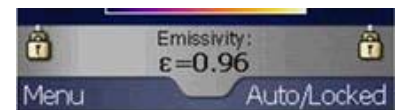
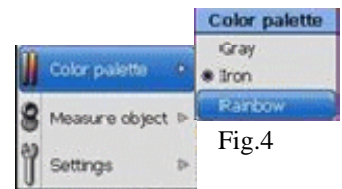



Fig.3

QuickStart: FLIR/EXTECH i3, i5, i7

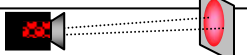
7. **PAUSE IMAGE:** There is no pause or freeze function. You must first save an image then recall it (see below).
8. **SAVE IMAGE:** Pull the trigger to save an image.
9. **RECALL IMAGE:** Press the Camera/Archive Button, then do one of the following.
 - To display and find a single saved image press the Navigation Pad left/right.
 - To open an image, press the Right Selection Button (Open).
 - To display thumbnails of all saved images press the Navigation Pad up [+] button.
 - To select the thumbnail you wish to open use the navigation Pad up [+]/down [-]/left/right.
 - To open an image press Right Selection Button (Open).
10. **PALETTE:** Press the Left Select (Menu) Button to show the menu (Fig.4).
 - Using the Navigation Pad to move up or down, highlight Color palette then press the Left Select Button again.
 - Now use the Nav. Pad up/down to highlight the desired palette.
 - Press select again to change the palette, close the menu and return to the image. AA
11. **RANGE:** The i-series has a single temperature Range: -4 to +482°F (-20 to +250°C)
12. **EMISSIVITY and BACKGROUND TEMP:** Press the Left Select (Menu) Button; highlight "Measure Object" then press the Right arrow again. Now highlight "Advanced" then press right arrow. Next highlight either "Emissivity" or "Background Temperature" then press right arrow. This will highlight the current value, use the up and down arrow to change the value.



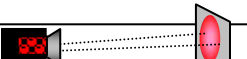
FLIR i3

IFOV =3.73 mRad (Theoretical with 60x60 Detector and standard 12.5°x12.5° lens)  Detect 1in. target @ 22ft.

FLIR/EXTECH i5

IFOV =3.73 mRad (Theoretical with 80x80 Detector and standard 17°x17° lens)  Detect 1in. target @ 22ft.

FLIR i7

IFOV =3.73 mRad (Theoretical with 80x80 Detector and standard 17°x17° lens)  Detect 1in. target @ 22ft.