

## QuickStart: FLIR BCam/InfraCam



1. **MEMORY:** (SD models only, all other models have internal storage) Insert SD (Secure Digital) memory card into the slot under the rubber cover on the side of the camera.
2. **POWER:** Open the battery cover under the base of the handle and insert a charged battery. The battery is charged by the included adapter which is plugged into the camera under the small AC cover. (Battery life indicator is displayed in the upper left corner of the LCD screen).
3. **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 (as above) showing a live infrared image.
  - To turn the camera off hold the [Power] Button.
4. **FOCUS:** Focus is achieved by manually rotating the focusing ring on the infrared camera lens.
5. **AUTO ADJUST:** (Level and Span) When the camera is turned on it will, by default, be in the auto adjust mode. This is indicated with the letter A at the bottom left of the viewing screen.

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6. **MANUAL ADJUST:** Use the [Right Selection Button] to toggle between Auto and Manual mode. Note when in Manual mode the letter M appears at the bottom left portion of the screen and center graphic indicators as seen in Fig. 1.

- To adjust Span (in Manual mode) use the left and right arrows of the Navigation Pad to select either the low span limit number or the high span limit number. Once selected use the + or - key to change the value.
- To adjust Level, use the up and down arrows until both the low and high span limit numbers are selected (and center graphic). Once selected use the + or - key to raise or lower the Level.

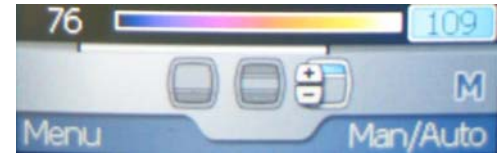


Fig. 1

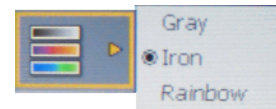
7. **SAVE IMAGE:** Simply pull the [Trigger] to save an image.

8. **RECALL IMAGE:** Press the [Camera/Archive] Button to recall the last saved image. You can now use the left and right arrows on the Navigation Pad to recall previous images.


- Using the Selection Buttons by following the text prompts in the Current Function Indicator portion of the viewing screen you can view thumbnails (Overview), select, open, or delete images.
- To return live image mode press the [Camera/Archive] Button.

9. **PALETTE:** From the default start up screen press the Left Selection Button (Menu) to enter the menu choices.


- Using the Navigation Pad press the +/- and up and down arrows key to highlight the Palette box then over to your three choices. After the desired palette is highlighted press the Left Selection Button (Select) to confirm and make the change.




10. **EMISSIVITY:** Press "Menu" (the Left Selection Button) to view the menu.

- Using the Navigation Pad highlight  then press "Select".
  - Select Emissivity using the Navigation Pad.
  - Set Emissivity by selecting "Set Value" then use the Navigation Pad to make changes.
  - Press "Select" to save changes and close the menu.

11. **BACKGROUND:** (Reflective temp.) Press "Menu" (the Left Selection Button) to view the menu.

- Using the Navigation Pad highlight  then press "Select".
  - Select Reflective temp. using the Navigation Pad.
  - Set Reflective temp. by using the Navigation Pad to make changes.
  - Press "Select" to save changes and close the menu.

12. **LASER POINTER:** Remove Laser Pointer lens cap and pull the yellow Laser Trigger.

120x120 Detector IFOV (Theoretical) w/standard 25° lens 3.6 mRad  Detect ½" target @ 13.8ft.