






QuickStart Flir T530-T540



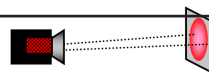
- 1. MEMORY:** Insert SD memory card into the slot under the plastic cover on the bottom of the camera.
- 2. POWER:** Insert a fully charged battery into the base of the imager, just below the hand grip. The battery life is indicated in the swipe down menu of the imager. To display, place your finger at the top of the screen and swipe down.
- 3. START:** Press the Power button until you hear an audible tone signaling camera startup.
 - 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, press the Power button until an audible tone signals it is powering down.
- 4. FOCUS:** Focus is manual or automatic. The focus method is configured in the Settings Menu. *Settings > Device Settings > Focus*. Select either *Manual* or *Auto Focus* > then select *Contrast* or *Laser*
 - To manually focus, adjust the focusing ring either clockwise or counter clockwise to optimize image focus
 - When autofocusing, the imager can either use *Contrast* (basing focus on maximizing image contrast) or *Laser* (focus is based on laser distance measurement).
 - To use the laser auto focus, depress the Laser/Autofocus button while the imager is pointed at the intended target. Place the laser point on the object to be focused upon and release the Laser/Autofocus button.
NOTE: *Some manual adjustment of the image focus may still be required after utilizing this method.*
- 5. AUTO ADJUST (Level and Span):** Auto Level and Span can be selected two ways. If operating in Live Mode, depressing the soft button  will select between Auto and Manual modes.
 - When in Auto mode, image Level and Span will continuously adjust to account for the thermal content of the entire field of view.
 - When in Manual mode, the image can be auto adjusted by touching the screen. Just touch it anywhere and it does a one-time auto adjust.

QuickStart Flir T530-T540

- 6. MANUAL ADJUST (Level & Span):** Manual Level and Span can be selected two ways. If operating in Live Mode, press the soft button  to select between Auto and Manual modes. Manual mode adjustments can be made either using the Navigation Pad or by touching the screen.
- To adjust touching the screen, touch the soft button  to enter Manual mode. To simultaneously change the temperature scale minimum and maximum limits, place your finger on the screen and scroll up or down. To change only the minimum or maximum limit, touch the value you wish to change to highlight it, then scroll up or down to change the value. Touch the value again to exit.
 - To manually adjust by utilizing the Navigation Pad, there are two possible settings. *Level, Span* manually adjusts the Level and Span using the Navigation Pad. *Level, Max, Min* allows the Level and the Maximum and Minimum settings of the temperature scale to be changed with the Navigation Pad. The mode must be selected in the Settings Menu. *Settings > Device Settings > User interface options > Manual adjustment mode >* then either *Level, Span* or *Level, Max, Min*.
 - In *Level, Span* press the soft button  to enter manual adjustment mode. Then pressing the Navigation Pad Up/Down will raise or lower Level, pressing left will narrow Span, pressing right will widen Span.
 - In *Level, Max, Min* press the soft button  to enter manual adjustment mode. Then the Navigation Pad can be used to highlight the parameter to be changed, Pressing the Navigation Pad again will confirm and exit the menu.
- 7. PREVIEW IMAGE:** To preview an image before saving it, the camera must be configured to display a preview before saving. Select *Settings > Save Options & Storage > Preview image before saving = on*. In this configuration, pressing the Save button will display the preview. Going back to live mode without saving is done by pressing the back button.
- 8. SAVE IMAGE:** To save a previewed image, press the Save button while the image is previewed. When previewing is not configured, pressing the Save button will save an image.
- 9. RECALL IMAGE:** Depress the image archive button. This will display one or more folders. Select a folder and press the Navigation Pad. Select the image to be viewed and press the Navigation Pad.
- 10. PALETTE:** Press the Navigation Pad to display the menu system. Select *Color* and press the Navigation Pad. This will display a submenu. In the submenu use the Navigation Pad to select a different palette. After selecting the new palette, press the Navigation Pad to confirm and exit the menu.
- 11. EMISSIVITY:** Press the Navigation Pad to display the menu system. Use the Navigation Pad to select *Emissivity*. Push the Navigation Pad to display a dialog box. Use the Navigation Pad to scroll the value to the desired setting. Press the Navigation Pad to confirm and exit the menu.
- 12. REFLECTED TEMPERATURE:** Press the Navigation Pad to display the menu system. Use the Navigation Pad to select *Reflected Temperature*. Push the Navigation Pad to display a dialog box. Use the Navigation Pad to scroll the value to the desired setting. Press the Navigation Pad to confirm and exit the menu.
- 13. TRANSMISSION:** This value is typically adjusted when viewing through an IR Window, filter material or other external optic device. Press the Navigation Pad to display the menu system. Use the Navigation Pad to select *IR Window Compensation*. When enabled, a submenu will become available where the compensation level can be adjusted. Push the Navigation Pad to display a dialog box. Use the Navigation Pad to scroll the value to the desired setting. Press the Navigation Pad to confirm and exit the menu.

T540

IFOV = 0.9 mRad (Theoretical with 464 x 348 Detector and standard 24° lens)



Detect 1in. target @ 92ft.