



QuickStart: Electrophysics HOTSHOT







- MEMORY:** Insert Compact Flash memory card into the slot under the rubber cover on top of the camera.
- POWER:** Insert a charged battery into the battery bay on the bottom of the camera.
- START:** Push and hold (for one second) the *Power Button* on the top of the camera.
 - The touch screen display will turn on and the camera will go through a series of boot up and self test procedures.
 - If the lens is in the parked position (rotated and covered) a screen will tell you to rotate the lens to resume video
 - You should now see real time video image in the default "Start-up Screen" display.

NOTE: The entire display is a touch screen, buttons and menu items can be activated by touching or tapping with either the provided stylus or your finger.

- FOCUS:** (motor driven) From the default start-up screen  move the yellow *Joystick Button* up and down with your thumb.

- AUTO ADJUST:** (Level and Span) When  shows in the center position, level and span automatically adjust based on the objects viewed.

- MANUAL ADJUST:** (Level and Span) From the default screen  tap the  button. The lower menu will change to .

- The *Joystick Button* will now manually control Level (up and down) and Span (left and right).
- Pressing the center of the *Joystick Button* will auto adjust the image Level and Span.
- To return to joystick focus: Tap the  button. The lower bar will change to  and the *Joystick Button* will once again control focus as before.
- Now tapping between the  button and  button with your finger or stylus will toggle the function of the *Joystick Button* between Level/Span and Focus.

- PAUSE IMAGE:** Pause or Freeze the image by momentarily pressing the front *Trigger Button*. (If this is not an image you desire to save, abort the save by pressing the trigger button again and return to a live image).



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8. **SAVE IMAGE:** By default the Hotshot will save the image to the storage card when it is present and to the internal memory when it is not present. First, freeze the image as above, then press in on the center of the *Joystick Button* when prompted on the main display screen.

9. **CHANGE PALETTE:** In any mode, tapping the palette color indicator bar will color palette to the next color choice.





10. EMISSIVITY:

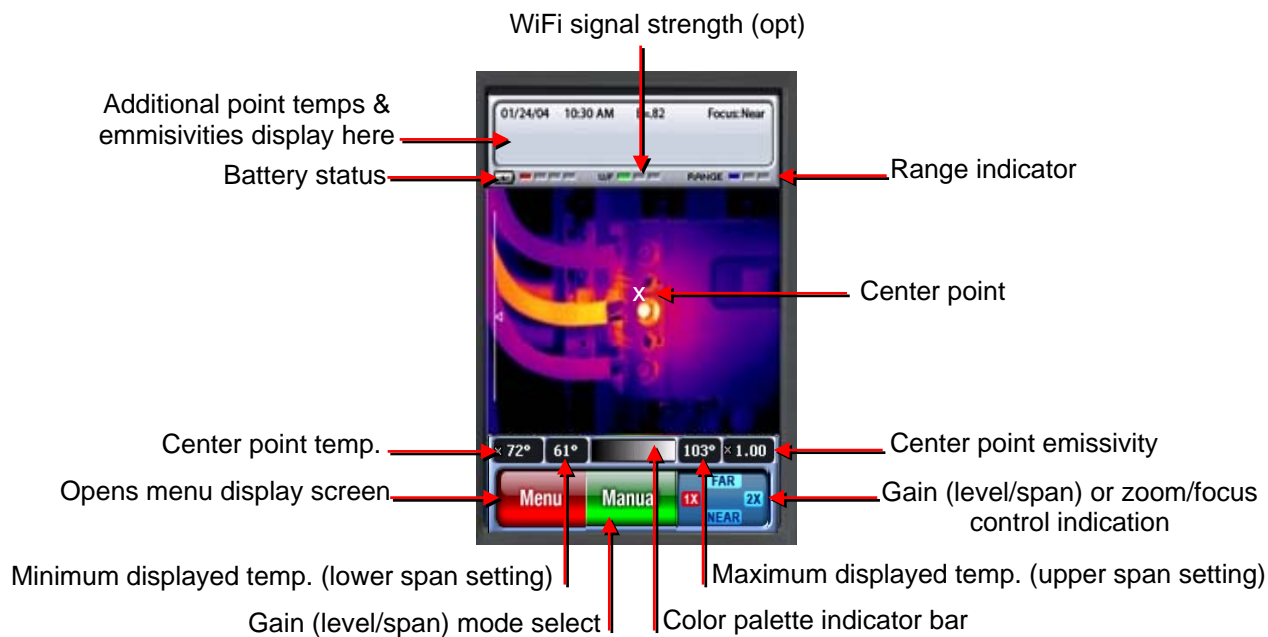
Global Emissivity (Applies to line, area, and span values) is adjusted in Object Parameters:

- Tap Menu, then under the Measure column tap the Object Parameters Icon. 
- Tap and change the Emissivity value using the stylus.

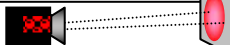
11. BACKGROUND COMPENSATION: (Reflective Temperature)

- Tap Menu, then under the Measure column tap the Object parameters Icon. 
 - Make sure the "Use Camera Temperature" box is unchecked and has a red X in the box indicating that you are not using ambient camera temperature. 
 - Now tap and change the Compensation Value with the stylus.

Understanding the Touch Screen Display:



Models: Hotshot, Pro, XL, LT, B-View

IFOV =2.7 mRad (Theoretical with 160x120 Detector and standard 25°x18° lens)  Detect 1in. target @ 30ft.