


QuickStart: Fluke TiX-640, TiX-660, TiX-1000










NOTE: Menu is on the left side of the viewing screens. Depressing the C button cancels or backs out of a menu.

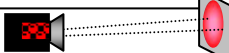
1. **MEMORY:** Insert SD memory card into the slot on the fold out LCD screen side of the camera.
2. **POWER:** Insert a fully charged battery into the back of the camera by snapping it down securely. The battery life is indicated in the lower right corner of the LCD display. You can also press and hold the battery symbol on the side of the battery.
3. **START:** Press the red power button on the back right side and you will see the screen light up.
 - Take the lens cap off and look into the viewfinder or swing the LCD screen out on the left side. Note: The viewfinder will only work when the LCD monitor screen is closed against the camera.
 - To turn the camera off, press the power button and select "yes" when prompted.
4. **FOCUS:** Focus is performed by using the rocker switch on the top right of the camera. When pushing it left, you are focusing farther away; when pushing it to the right you are focusing closer. Pressing the rocker straight down will activate auto focus. There are several other ways to focus (details in your camera instruction manual)
 - Push the joystick in to activate the menu. Under the  icon, select the "laser" designation for two additional modes: LaserSharp Auto and LaserSharp Permanent Auto. NOTE: The laser is on when using these two methods.
5. **AUTO ADJUST (Level and Span):** Push and hold the C button, then use the joystick according to the side menu to highlight either Automatic (one time) or Automatic (continue). NOTE: Holding joystick in for 1 second will put the camera in continuous adjust mode; depressing it again for 1 second will put it in manual mode. You can also

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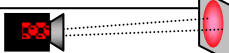
access the two Automatic adjustments by selecting the  icon and then choosing Level/Range and pushing enter and use the joystick according to the side menu to highlight either Automatic (one time) or Automatic (continue).

6. **MANUAL ADJUST (Level and Span):** Push and hold the C button, then use the joystick according to the side menu to adjust span (left/right) or level (up/down). You could also input a specific span and level by inputting the desired numbers. To do so select the  icon and choose Level/Range, then Input, changing the numbers and selecting OK. Depressing the A button momentarily will perform a one-time auto adjust while remaining in the manual mode.
7. **PAUSE IMAGE (Freeze):** Live images are paused by depressing the S button part way down. To go back to the live mode, depress the C button.
8. **SAVE IMAGE:** Press the S button part way down to freeze the image, and then S again to save. Or, you can press the S button all the way down to immediately save the image without freezing it first.
9. **RECALL IMAGE:** Depress the C button to get to the menu, then go to the  icon and choose "load" by hitting enter and choose either single file or gallery. If single is chosen, scroll through the image numbers/thumbnaill to the desired image and hit enter. If gallery is chosen, a thumbnail gallery will be displayed. Chose the image and hit enter.
10. **PALETTE:** Push the C button to get the menu, then to the  menu and scroll down to palette and hit select. The choice will be highlighted and scroll up/down to the desired new palette, then hit select and then OK/select.
11. **RANGE:** From the menu go to the  menu and choose "Range" and then select the specific temperature range desired manually, or choose "automatic" to have the camera automatically choose the appropriate range of the scene being viewed.
12. **EMISSIVITY:** From the menu go to  menu and choose "correction". Highlighter is on the current emissivity value. To adjust highlight emissivity and then up/down to the desired value and press OK. NOTE: you can either change any of the digits independently or move right to the single digit you want changed. You can also use the built-in material chart by choosing "materials".
13. **BACKGROUND:** From the menu, go to  menu and choose correction, then scroll to "environmental temperature" and change value to desired number.
14. **TRANSMISSION:** the menu, go to  menu and highlight "Transmission", select that choice and use the arrow keys to change the value, then press the S button.

TiX-640/660

IFOV = 0.8 mRad (Theoretical with 640x480 Detector and standard 31°x23° lens)  Detect 1in. target @ 104 ft.

TiX-1000

IFOV = 0.6 mRad (Theoretical with 1024x768 Detector and standard 32°x25° lens)  Detect 1in. target @ 139ft.