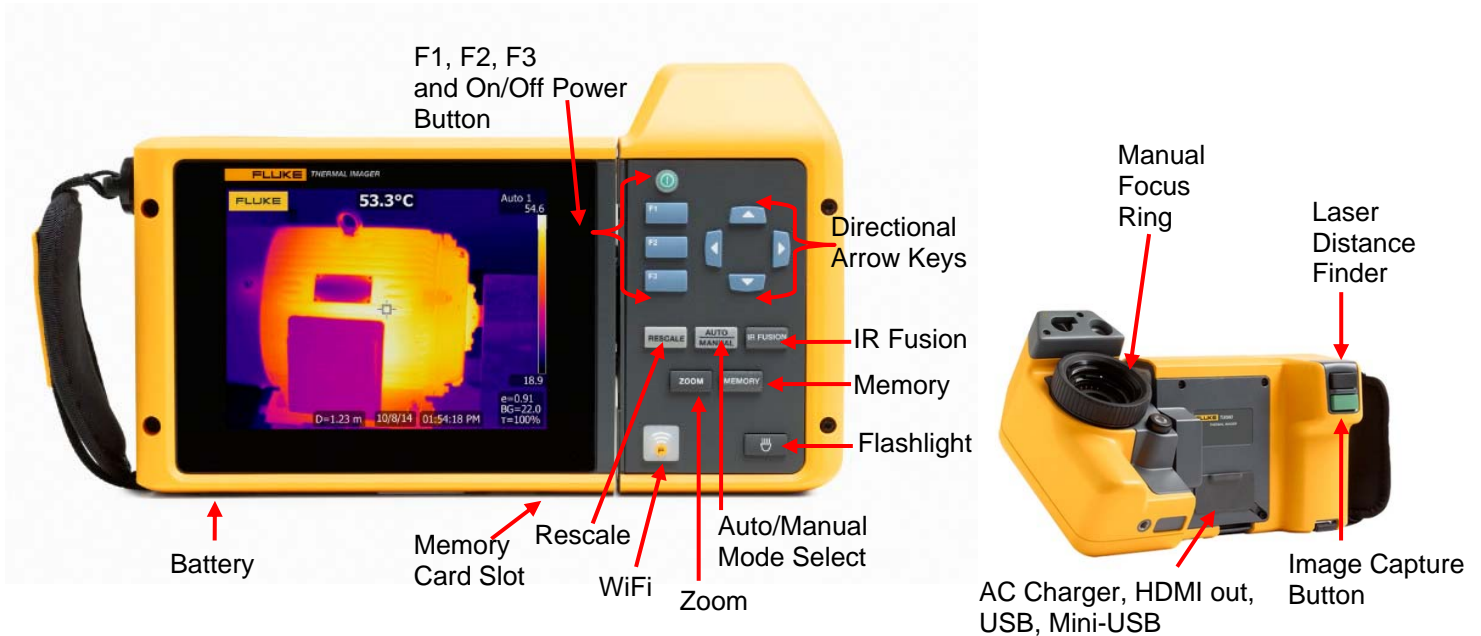


QuickStart: Fluke TiX 500/520/560



NOTE: To access the menu on the TiX520 or 560 you may use the F2 button or simply touch the LCD screen. Either method will bring up the menu. To navigate the menu, you may use either the directional arrow buttons, the touchscreen, or a combination of the two.

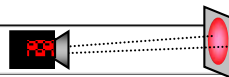
1. **MEMORY:** Insert SD memory card into the slot under the rubber cover on the bottom of the camera.
2. **POWER:** Insert a fully charged battery into the slot on the bottom of the camera. The slot is on the left side of the camera near the hand strap. The battery life is indicated in the lower left corner of the LCD display. You can also press and hold the battery symbol on the side of the battery.
3. **START:** Press the Power button until you see the LCD screen become active signaling camera startup.
 - Remove the lens cap from the front of the camera.
 - Once the camera finishes booting up, you will see the default start up screen showing a live infrared image.
 - To turn the camera off, press the Power button until you see the LCD screen go dark, signaling it is powering down.
4. **FOCUS:** Focus is either manual or automatic, and is user selectable.
 - Manual—adjust adjust the focusing ring either clockwise (farther away) or counter clockwise (closer) to optimize image focus.
 - Automatic—focus is laser enhanced. To utilize, depress the top/black button while aiming the laser at the object of interest. While holding the camera steady, release the button. If there is too much movement of the laser during the auto focusing operation, an *Excessive Laser Movement* warning may appear on the screen,
5. **AUTO ADJUST (Level and Span):** Auto Level and Span can be selected three ways. If operating in Manual Mode, depress and hold the F1 button and the imager will change to Auto mode.
 - Press the Auto/Manual button located in the middle of the control panel (see above image) to select between Auto and Manual modes.
 - Auto mode is additionally accessible through the menu screens. Open the menu and select *Measurement*. Then select *Set Level/Span*. To select auto, either press the *Auto* button on the screen, or highlight it with the directional buttons and then depress *Select* and then *Done*.

QuickStart: Fluke TiX 500/520/560

6. **MANUAL ADJUST (Level and Span):** Manual Level and Span can be selected three ways. If operating in Auto Mode, depress and hold the F1 button and the imager will change to Manual mode.
 - Press the Auto/Manual button located in the middle of the control panel to select between Auto and Manual modes.
 - Manual mode is additionally accessible through the menu screens. Open the menu and select *Measurement*. Then select *Set Level/Span*. To select Manual, either depress the *Manual* button on the screen, or highlight it with the directional buttons and then depress *Select* and then *Done*.
 - While in Manual mode, a one-time auto adjust of level and span can be made by depressing the F3 or the Rescale button.
7. **PAUSE IMAGE (Freeze):** Live images are paused by depressing the bottom/green button. Once an image has been paused, the options are given to *Save*, *Edit* or *Cancel*. Selecting cancel returns the imager to live operation
8. **SAVE IMAGE:** To save the image after depressing the green trigger, either depress the F1 button or select *Save* on the touch screen.
9. **RECALL IMAGE:** Press the Memory button or access the menu and select *Memory*, then select an image, and then either double-click on the image via the touchscreen or select F1 to open the selected image. To go back to live mode, push the save (green) button.
10. **PALETTE:** From the home screen, access the menu and then select *Image*, and then select *Palette*. Select *Set Palette*, and then scroll through the palette selections. To select a particular palette, either depress the F1 button (*Select*) or touch the *Select* button on the touch screen, and then F1/Done again.
11. **EMISSIVITY:** From the home screen, access the menu and then highlight *Measurement*. Either depress the F1 button (OK) or using the touchscreen press *Measurement*. Then highlight *Emissivity*. Then, either depress the F1 button (OK) or depress *Emissivity* on the touchscreen. Then select either *Adjust Number* or *Select Table* and adjust to the desired number. To save the selection, either depress F1 or touch *Done* on the touchscreen.
12. **BACKGROUND:** From the home screen, access the menu and then highlight *Measurement*. Either depress the F1 button (OK) or using the touchscreen press *Measurement*. Then highlight *Background*. Then adjust the background correction factor to the desired level. To save the selection, either depress F1 or touch *Done* on the touchscreen.
13. **TRANSMISSION:** From the home screen, access the menu and highlight *Measurement*. Either depress the F1 button (OK) or using the touchscreen press *Measurement*. Then highlight *Transmission*. Next, adjust the transmission correction factor to the desired level. To save the selection, either depress F1 or touch *Done* on the touchscreen.

TiX 500/520/560

IFOV = 1.31 mRad (Theoretical with 320x240 Detector and standard 24°x18° lens)



Detect 1in. target @ 64ft.