

## QuickStart: SKF TKTI-21 / TKTI-31



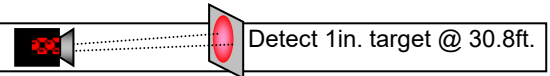
1. **MEMORY:** Flip open the rubber dust & water cover toward the right side of the camera and install a SD memory card. The camera will not save and store images without this memory card installed.
2. **POWER:** Insert a fully charged battery into the base of the camera's hand grip.
3. **START:** Open the lens cap by pinching the buttons on the lens cap. Now press and hold the **Power** button (upper left keypad) for 2 to 3 seconds until you see activity on the display. **Note:** To turn the camera off, press and hold this button again.
4. **FOCUS:** Rotate the manual focusing ring either clockwise (focuses closer) or counter-clockwise (focuses farther).
5. **AUTO ADJUST (Level and Span):** By default, when you turn the camera on, it is in the Auto Mode (Level and Span continuously adjusts automatically).
6. **MANUAL ADJUST (Level and Span):** To manually adjust Level and Span, press the On/Off/Menu, then highlight Level/Span and highlight L/S? and push the On/Off/Menu button. You will notice the top and bottom number will be highlighted and can now be adjusted. To adjust the span, use the ►◄ buttons. Using the left button will narrow the span and the right button expands the span. To adjust level, use the ▲▼ buttons. The up button raises the level to higher temperatures and the down button lowers the level to lower temperatures. When the camera is in Manual Mode, there will be an L/S displayed in the upper left corner of the LCD screen. **Note:** the highlighting and ability to change level and span will time out in a few seconds of inactivity. To reactive/re-highlight them, merely push the A button. Then use the directional arrows to adjust Level and Span.

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7. **PAUSE and SAVE IMAGE:** To save an image, depress the S key. It will then pause and show a visual image and you can either Save or Cancel the saving by using the ► ◀ buttons and then depress On/Off/Menu button. **Note:** In the System Setup menu, you can also set the camera to save an image when the trigger is depressed.
8. **RECALL IMAGE:** Depress the On/Off/Menu button, highlight File with the ▲ ▼ buttons then depress the ► button and highlight Open and depress the On/Off/Menu button. The last image to be saved will be shown, using the ► ◀ buttons you can go forward or backward through the images. To go back to a live image, depress the C button.
9. **PALETTE:** Depress A twice, and the color bar is highlighted, then use the ► ◀ buttons to scroll through the palettes until you find the one you want, and let it time out (2-3 seconds) to select it.
10. **RANGE:** The TKTI21 has a range of: -1°F--660°F (-20°C--350°C). The TKTI31 has two ranges: -4°F--356°F (-20°C--180°C) and 212°F--1112°F (100°C--600°C). To change range, depress On/Off/Menu button, ▼ to select Setup, ► to Measurement, Enter on Measurement then the ► ◀ buttons to choose the range you want, then Enter.
11. **EMISSIVITY:** Depress On/Off/Menu button, ▼ to select Setup, ► to Infrared Settings, depress Enter then the ► ◀ buttons to choose the proper emissivity. **Note:** Selecting Customize, then using the ► ◀ buttons will scroll through a material list. Depress Enter when you find the material you choose.
12. **BACKGROUND:** Depress On/Off/Menu button, ▼ to select Setup, ► to Infrared Settings, then ▼ to TReflect, use the ► ◀ buttons to turn it on, then ▼ to highlight the value, then use the ► ◀ buttons to the correct value and depress Enter.

### TKTI-21

IFOV =2.77 mRad (Theoretical with 160x120 Detector and standard 25°x19° lens)



### TKTI-31

IFOV =1.15 mRad (Theoretical with 380x280 Detector and standard 25°x19° lens)

