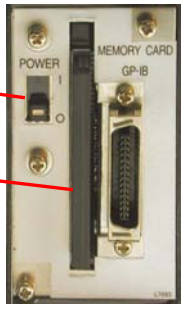
*Quick*Start: Mikron 7200, 7515



Rear
ON/OFF, Memory
and Data Bay

Top
Button Pad

Rear
Button Pad

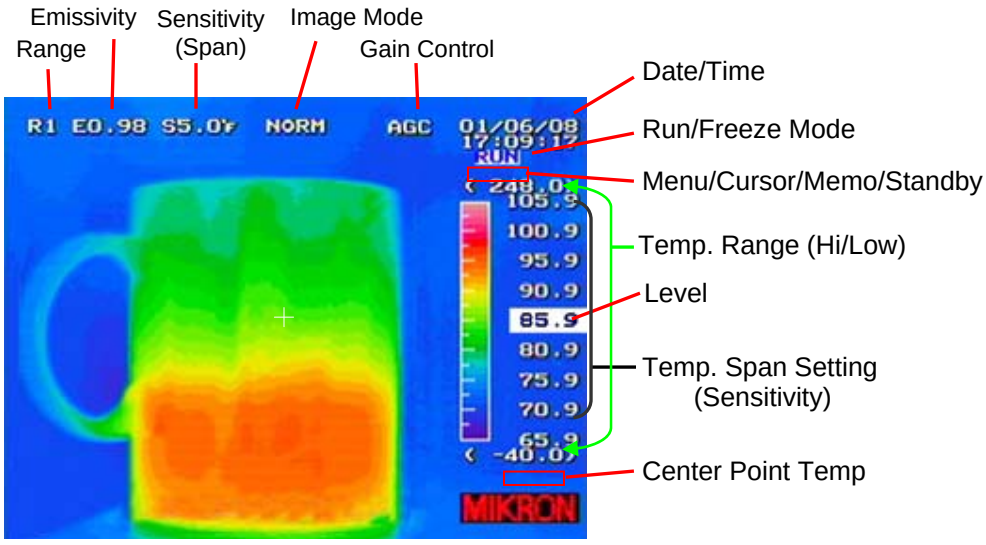
1. MEMORY: Unlatch and open the door on the back of the camera. Insert a PCMCIA or adapter card into the memory slot.
2. POWER: Place a charged battery into opening on the left side of the camera and slide forward.
3. START: Remove the lens cap, then slide the On/Off switch to the upper (I) position, this will initiate the camera start up sequence and displaying a live infrared image.

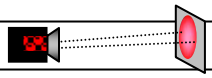
BEFORE CONTINUING: Verify your basic camera settings in the menu system.

- Press the SELECT button repeatedly until the [MENU] option appears highlighted (upper right hand corner).
- Press RUN to display the command menu.
- Press the + or – buttons to select [SET ENVIRONMENT] then press RUN to display the [SET ENVIRONMENT] menu.
- Press + or – buttons to select [AUTO MODE] then press SELECT to display its options.
- Press + or – buttons to select the [FULL] option then press RUN to enter the selection and return to the main display. You should now be in the RUN mode.

4. FOCUS: Before a good thermal image focus is attempted adjust the viewfinder focus by rotating the viewfinder focus ring until the text on the image is in sharp focus.
   - Focus the live image by pressing the + and – buttons on the top of the camera. NOTE a focus indicator bar will appear at the bottom of the image.
5. AUTO ADJUST: (Level and Span) Your camera refers to Span as Sensitivity. While set to Full Auto and in the RUN mode (Verified above) pressing the AUTO button will perform a one time auto adjustment of Span, Level and Focus. During this process the image will freeze momentarily.
   - To auto adjust level or span individually press SELEST until the Sensitivity (S number at top of display) or Level (center number next to color palette) is highlighted then press the AUTO button.

6. MANUAL ADJUST: (Level and Span) Press SELECT until the Sensitivity (S number at top of display) or Level (center number next to color palette) is highlighted then press the + or – button to adjust manually the value.
7. PAUSE IMAGE: While in the RUN mode press and release the RUN button. After a moment the image will freeze and display FRZ in the mode area. To return to the RUN mode press and release the RUN button once again. Don't forget there is a delay in this process.
8. SAVE IMAGE: In either RUN or FRZ mode press and release the SAVE button.
   - NOTE: we highly recommend that you freeze the image before saving it, this allows you to verify its proper focus and perspective. If you freeze before saving, after saving you will be returned to the frozen image and will need to press and release the Freeze Button to return to a live image.
9. RECALL IMAGE: Press the RUN button to enter the FRZ mode, remember to wait for FRZ appear. Press the + or – buttons to scroll through the saved images. Press RUN to return to the RUN mode.
10. PALETTE: To change between grey scale to the selected color palette, press SELECT repeatedly until the PALETTE BAR appears Highlighted then pres either + or –.
    - To select a different color palette, press SELECT repeatedly until the MENU option becomes highlighted, then press RUN to enter the command menu.
      - Press + or – to select COLOR menu item, then press select to view your choices at the bottom of the display.
      - Press SELECT and + and – to navigate to and chose the desired color palette. (for now stay in COLOR POS 356 then chose A/Rainbow, B/Brightness, C/Hot Iron or D/Medical) Press RUN to return to RUN Mode.
11. RANGE: A To select a different color palette; press SELECT repeatedly until the MENU option becomes highlighted, then press RUN to enter the command menu. Use + or – to Highlight RANGE
    - Press SELECT then + or – to highlight the desired RANGE. Press RUN to return to RUN mode.
12. EMISSIVITY AND BACKGROUND: Both can be adjusted by going into the COMMAND MENU as above, then highlighting and selecting either EMISS or B. GROUND COMPENSATION then changing their values.



IFOV =1.58 mRad (Theoretical with 320x240 Detector and standard 28.9˚x21.9˚ lens)  Detect 1in. target @52ft.