

Battery Charge Procedure and Indicators

Insert the plug of the power supply unit into the bottom of the charging cradle to connect the power supply unit and the charging cradle.

Desktop Charger



Plug Connection



Camera in Charger



1. Connect the charging cradle to the power grid using the power supply unit
2. Place the thermal imaging camera and/or a rechargeable battery into the charging cradle
 - The typical charging time is 3 hours

The LEDs on the charging cradle provide the following information:

Charging LEDs



Signal	Meaning
	Constant red flash - battery is charging
	Constant red light - battery is fully charged
	Intermittent red flash - error during charging*

**Check contacts for debris; consult IFU*

To release the power cable from the charging cradle, press the holder and pull the plug from the charging cradle.

Battery Access and Change Procedure

1. Loosen the bolts under the handle with the supplied extraction tool
2. To push the old battery from the handle, slide the extraction tool through the opening in the handle
3. Remove the old battery
4. Make sure the seal on the new battery is clean. If necessary, wipe the contact surface with a cloth
5. Insert the new battery into the handle of the thermal imaging camera and tighten bolts

**Desktop Charger and Battery
(Bottom View)**



1. Loosen Two Bolts



Extraction Tool

Camera Handle



2. Push Battery from Handle

Explanation of Mode Shift - Automatic Heat Indicating Colorization

Dynamic Range (range of temperature variance that a TIC can view in the image)

- -40° F - 1832° F (-40° C - 1000° C)

Standard Application Mode (TI BASIC):

- Objects with a temperature of up to 230° F (110° C) are displayed in grayscale (256 overall shades)
 - Low temperatures: shades of dark gray
 - High temperatures: shades of light gray
- Temperatures between 230° F (110° C) 266° F (130° C) are displayed in color according to the color scale
 - Yellow/Orange/Red (*hottest*)

High Temperature Mode:

- If a significant part of the displayed image exceeds 266° F (130° C), the camera switches to high temperature mode and the corresponding symbol is shown in the upper area of the display
- In high temperature mode, temperatures up to 1112° F (600° C) are displayed in grayscale
- Temperatures between 1112° F (600° C) 1652° F (900° C) are displayed in color according to the color scale
 - Yellow/Orange/Red (*hottest*)

Standard Application Mode



High Temperature Mode



High Temp
Mode Symbol

Power On and Power Off Procedures

To turn the thermal imaging camera on, press the ON/OFF key for approximately 3 seconds. The start-up screen appears, then the thermal image is displayed within 8-10 seconds. The thermal imaging camera is now in standard application mode (TI Basic).

Thermal Imager in Off Mode



Thermal Imager in Standard Application Mode



To turn the thermal imaging camera off, press the ON/OFF key until 3-2-1 appears on the display and the thermal imaging camera switches off.