

On / Off / TI Basic:

Press and Release to Power On. Press and Release to return to the default TI Basic mode. Press and Hold for 3 seconds to Power Off.

°C / °F:

Using a paper clip or pen tip, Press and Release to change from °C to °F.

Flashlight / TI Basic+:

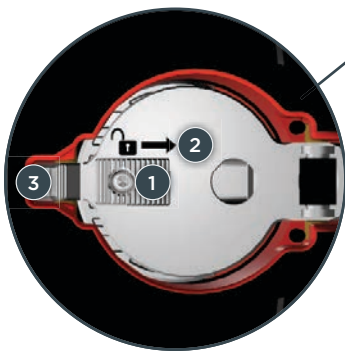
Press and Release to turn the flashlight On/Off. Press and Hold 3 seconds to Enable/Disable Center Reticle and Spot Temperature (TI Basic+).

Thermal 320 x 240 sensor

300 Lumens Flashlight

Truck Charger Contacts

Lanyard-Attach Loop



Removing the Battery:

1. Slide the spring-loaded thumb lock in the direction of the arrow (shown).
2. Press down on the thumb lock.
3. Slide the release latch toward the front of the camera.

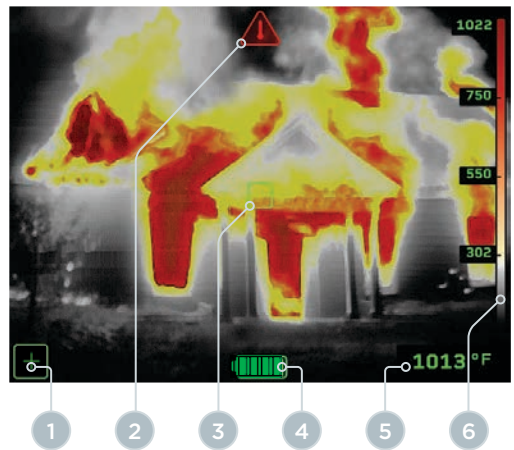
Inserting the Battery:

1. Align plastic rib on battery housing with channel inside of grip.
2. Insert fully and press on bottom plate to latch.
3. Ensure the spring-loaded thumb slide is in locked position.

Technical Specifications

Specifications	Description
Thermal Sensor	320 x 240 (76,800 pixels) 7.8-14µm
Detection Distance	12 inches to 1,000 feet
Field of View	Wide, 57 ° HFOV, 42 ° VFOV
Start up time	< 5 secs
Object Temperature	-4 to 1,022 °F (-20 to 550 °C)
Operating Temperature	-4 to 131 °F (-20 to 55 °C) no time limit up to 302 °F (150 °C) - max 15 min up to 500 °F (260 °C) - max 5 min
Frame Rate	> 25Hz Fast Frame
Thermal Sensitivity	< 35 mK
Gain Mode	Auto Mixed Gain Mode, pixel by pixel
Image Modes	TI BASIC (white hot & color above 302 °F/ 150 °C)
Accuracy	Typical: +/-5°C or 5% of reading @ ambient 22 °C
Display	3.5" color LCD, 320 x 240, Impact resistant glass
Flashlight	300 Lumens LED
IP Rating	IP67
Battery	Li-Ion, 3.6V 4900mAh, Rechargeable
Battery Operating Time	6hrs (thermal imaging only @ 77 °F/25 °C) 3hrs (imaging w/ flashlight @ 77 °F/25 °C)
User Interface	Two button tactile operation
USB interface	USB Type-C for firmware updates
Weight	2.5lbs (1.17kg)
Size (approx.)	11" x 4.5" x 5" (280mm x 115mm x 130mm)
Drop/Impact	2m, multi-orientation onto concrete
Performance	Certified to NFPA 1801:2021 Standard on Thermal Imagers for the Fire Service

User Interface



On-Screen Device Icons:

1. TI Basic+ Mode indicator
2. Overtemp indicator
3. Spot temperature reticle (when TI Basic+ enabled)
4. Battery charge status
5. Spot temperature reading (when TI Basic+ enabled)
6. Temperature color bar

Battery Status:

- | >75% charge remaining
- | >50% charge remaining
- | >25% charge remaining
- | <25% charge remaining
(>5min remaining when flashing)

Cleaning Instructions and Care: Clean the lenses and display using a lint-free cloth and commercial lens cleaning solution. Clean the camera housing using mild soap and warm water.

DO NOT USE SOLVENTS WHEN CLEANING THE PRODUCT



Imagery for illustration purposes only. Specifications subject to change without notice. Please visit support.thermal.com for the latest specifications and support.