

Manual Supplement

Manual Title: Ti10,Ti25,TiR and TiR1 Users Supplement Issue: 2
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This supplement contains information necessary to ensure the accuracy of the above manual.

Change #1

On page 2, add the following under the **Warning**:

To avoid injury from explosion, chemical burns, or fire, follow all battery care and charging instructions in this manual.

On page 3, under **Unpacking the Imager**, following the last bullet add:

Note

Fluke recommends the use of the supplied SD memory card with your thermal imager, and does not warrant the use or reliability of aftermarket SD memory cards of different brands or capacities.

On page 3, prior to step 1, add the following:

⚠ Caution

To avoid damage to the Imager, remove it from the DC car charger before starting or jump starting the vehicle.

Note

Ensure the Imager is near room temperature before connecting it to the charger. See the charging temperature specification. Do not charge the camera in hot or cold places. Charging in extreme temperatures reduces the battery pack's ability to hold a charge.

At the end of the "**Charging the Battery**" section, add the following:

Keep the Imager attached to the charger until the battery condition icon indicates a full charge. With the Imager off, the battery charge icon will have four full bars. With the Imager on, turn the Imager off

to view the battery condition icon. Removing the Imager from the charger before a full charge is indicated will deprive the battery of a full charge and thus shorten camera run time.

Note

New batteries are not fully charged. Two to ten normal charging/discharging cycles may be required before the battery charges to its maximum capacity.

On page 15, before the **General Specifications** section, insert the following:

Maintenance

The Imager is designed to provide maintenance free operation. However, some precautions should be followed to get the best and longest Imager performance.

Cleaning the Imager

Wipe the case with a damp cloth and a mild detergent. Do not use abrasives, isopropyl alcohol, or solvents to clean the case or lens/window.

Battery Care

To get the best performance from the Imager's Nickel-Metal Hydride (NiMH) battery, follow the guidelines listed below.

⚠ Caution

To avoid damage to the Imager, do not leave the camera exposed to a heat source or high-temperature environment, such as in the sun in an unattended vehicle.

- Do not store the Imager on the charger for more than 24 hours, or reduced battery life may result.

- Charge the Imager for a minimum of 2 hours at least every six months to maximize battery life. Without use, the battery will self-discharge in approximately six month. Batteries stored for long periods may require two to ten charging cycles before the battery reaches full capacity.
- Always operate the Imager within the temperature range specified in the specifications labeled Temperature – Operating.

 Caution

**Do not incinerate the Imager and/or battery.
Go to Fluke’s website for recycling
information.**


Under **General Specifications, Temperature** add:

Charging.....0 °C to 40 °C (32 °F to 122 °F)


Change#2

On page 8, before **Setting the Level (Manual)** add the following section:

Fast Auto/Manual Range Toggle

When NOT in a menu mode, press the  button for ½ a second to toggle between Auto Range and Manual Range.

Fast Auto Rescale

When in Manual Range, and NOT in a menu mode, press the  button for ½ a second to automatically rescale the level and span range for objects within the imager's thermal field of view.



Note

Imager will power up in the same RANGE mode (AUTO or MANUAL) that it was in when powered down.

On page 14, before **Setting File Format**, add the following section:

Setting Reflected Background Temperature (Reflected Temperature Compensation) (Ti25 and TiR1 only)

The BACKGROUND tab allows the user to compensate for reflected background temperature on the imager. Very hot or very cold objects may affect the temperature measurement accuracy of your target or object of interest, especially when surface emissivity is low. Adjustment of the reflected background temperature setting may help you to obtain more accurate temperature measurements.

1. Press  until BACKGROUND appears over .
2. Press softkey labeled **BACKGROUND**.
3. Use the softkey labeled **UP** or **DOWN** to adjust the reflected background temperature.
4. Press **BACK/DONE** when finished.