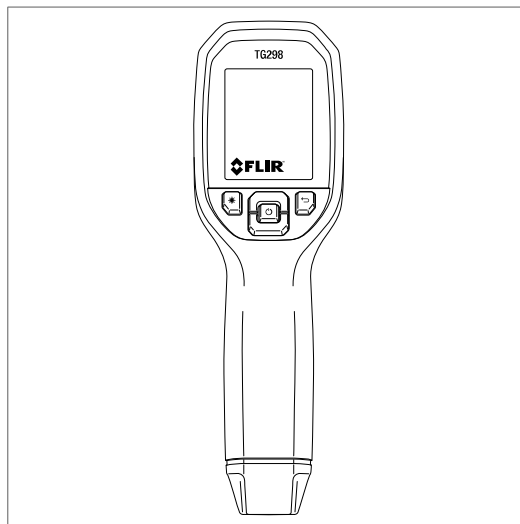




## Quick Start

### Spot Thermal Camera

MODELS TG298 and TG268



## Introduction

The FLIR TG298 and TG268 combine condition monitoring, non-contact spot temperature measurements, and thermal imaging in one troubleshooting tool to help quickly locate sources of heat and detect potential faults.

The camera offers four display modes: IR-only, visual, high resolution visual, and MSX® (Multi-Spectral Dynamic Imaging) which adds key details from the visual spectrum to the thermal image.


For complete instructions please refer to the detailed user manual, available from the support site, link below.

<https://support.flir.com>

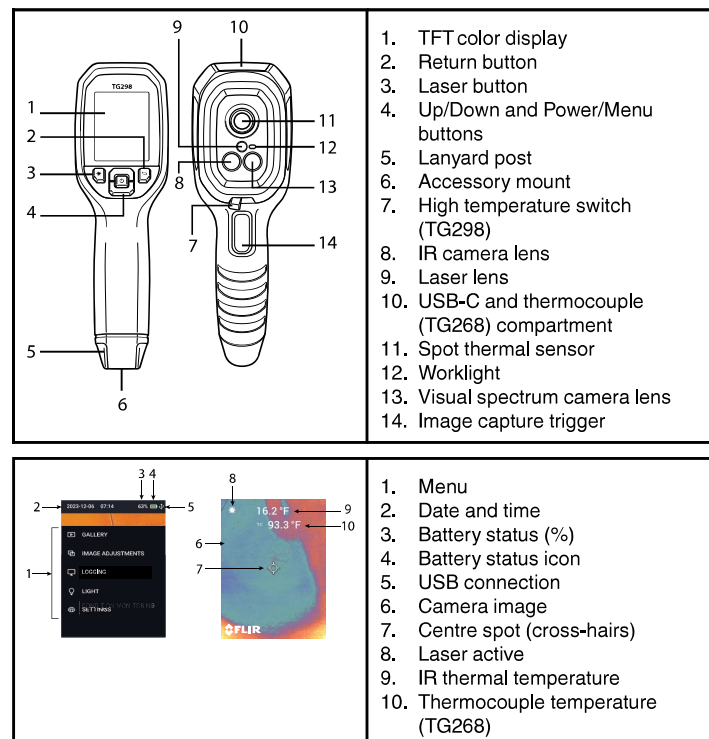
## Safety

<b>⚠ CAUTION</b>
Do not point or reflect the laser beam toward anyone's eye. Do not use the laser in potentially explosive areas.
<b>CLASS 1 LASER PRODUCT</b> <b>IEC 60825-1:2014</b> <small>IT COMPLIES WITH 21 CFR1040.10 AND 1040.11 EXCEPT FOR CONFORMANCE WITH IEC 60825-1 Ed.3, AS DESCRIBED IN LASER NOTICE NO.36, DATED MAY 8, 2019</small>

## Quick Steps

1. Long press the power button  to switch ON or OFF.
2. Scan a test surface.
3. Read the spot temperature measurement on the display.
4. Pull and release the trigger to capture images.
5. Explore the menu to become familiar with the camera's many features.

## Camera Description



## Menu System

Refer to the User Manual for complete instructions.

- Short press the Menu button to access the main menu.
- Use the arrow buttons to scroll.
- Use the Menu button to select, toggle, or confirm settings.
- Use the Return button to return to the previous screen.
- Use the trigger to exit the menu.
- The menu is locked when the USB cable is connected.

MAIN MENU	SUB MENU 1	SUB MENU 2	ACTION
GALLERY	IMAGE FILES	n/a	View and manage images captured manually. See the <i>Log Results</i> submenu for images captured in logging mode.
	LOG RESULTS	n/a	View and manage data log files, time lapse images, and videos captured in logging mode.
IMAGE ADJUSTMENTS	IMAGE MODES	n/a	Select MSX, IR Only, Visual, or High Resolution Visual mode.
	COLORS	n/a	Select Iron, White Hot, Black Hot, Rainbow, Lava, or Arctic.
	MEASURE-MENT	CENTER SPOT	Toggle display crosshairs ON and OFF.
		EMISSION	Select a preset or set a custom value.
		THERMO-COUPLE	Toggle ON and OFF (TG268).

<b>LOGGING</b>	TEMP SPOT	n/a	Set to ON to start logging temperature readings. Specify time between readings.
	TIME LAPSE IMAGING	n/a	Set to ON to start capturing camera images and simultaneously logging readings. Specify time between captures.
	VIDEO	n/a	Set to ON to start recording video and simultaneously logging readings.
	ALARM	n/a	Enable alarm, set high and low thresholds, and select alert type.
<b>LIGHT</b>	n/a	n/a	Toggle ON and OFF.

<b>SETTINGS</b>	DEVICE SETTINGS	BLUETOOTH	Toggle ON and OFF.
		LASER	Toggle ON and OFF.
		SCREEN BRIGHT- NESS	Select Low, Medium, or High.
		AUTO POWER OFF	Set to 5, 15, 30 minutes or disable.
	GENERAL SETTINGS	TEMPERA- TURE UNIT	Select C or F.
		TIME & DATE	Set time, time format, date, and date format.
		LANGUAGE	Select local language.
		SYSTEM INFO	View the serial number, software revision, battery charge status, remaining internal memory.
		GENERAL SYSTEM INFO	View regulatory information.
		FACTORY RESET	Revert to factory default status.

## Rechargeable Battery

Charge the internal lithium battery by connecting the camera to a 5 V / 1 A charger using the supplied USB cable. The camera's USB port is located under the top flap. A full charge can take up to four hours.

## Basic Specifications

IR camera resolution	160 x 120 pixels
Camera display resolution	320 x 240 pixels
Object temperature range	TG298: -13 to +1976°F (-25 to +1080°C) Engage high temperature switch for measurements > 752°F (400°C) TG268: -13 to +752°F (-25 to +400°C)
Minimum measurement distance	10 in. (26 cm)
Thermocouple temperature range (TG268)	Meter: -22°F to +734°F (-30°C to +390°C) Supplied thermocouple: 500°F (260°C) maximum
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	-22 to 131°F (-30 to 55°C)

## Limited 10-Year Warranty

This product is protected by FLIR's Limited 10-Year Warranty. Visit [www.flir.com/testwarranty](http://www.flir.com/testwarranty) to read the Limited 10-Year Warranty document.

## Customer Support

Customer Support Telephone List	<a href="https://support.flir.com/contact">https://support.flir.com/contact</a>
Repair, Calibration, and Technical Support	<a href="https://support.flir.com">https://support.flir.com</a>









## Quick Start

---

**Website**

<http://www.flir.com>

**Customer support**

<http://support.flir.com>

**Copyright**

© 2025, FLIR Systems, Inc. All rights reserved worldwide.

**Disclaimer**

Specifications subject to change without further notice. Models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to [exportquestions@flir.com](mailto:exportquestions@flir.com) with any questions.

Publ. No.: NAS100226  
Release: AF  
Commit: 104198  
Head: 104206  
Language: en-US  
Modified: 2025-04-15  
Formatted: 2025-04-15

