Reveal Series User Manual

Welcome to the Reveal Series. Let's take a few minutes to quickly walk through the basics and learn how to use your device.

Seek thermal

Reveal

Available with 9Hz frame rate or ≥15Hz (FF).

At a Glance:
- 36º Field Of View
- 400ft detection distance
- 206x156 professional sensor
- 330 Lumen flashlight

Great For:
Accurately and safely inspecting any job site.

Reveal XR

Available with 9Hz frame rate or ≥15Hz (FF).

At a Glance:
- 20º Field Of View
- 900ft detection distance
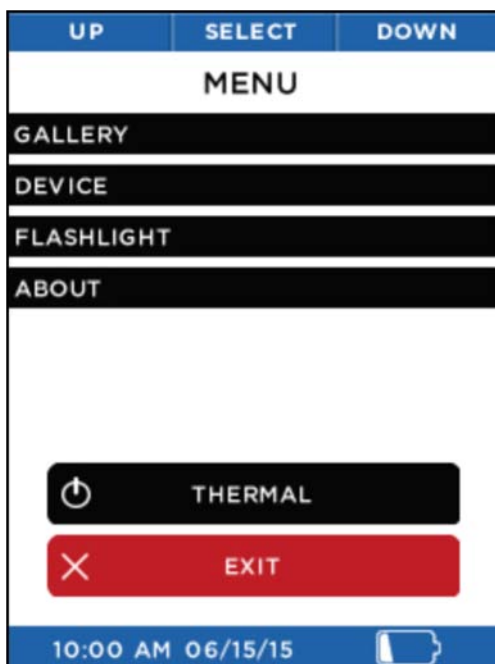- 206x156 professional sensor
- 300 Lumen flashlight

Great For:
Hunters, safety and security professionals.

Available Colors:
- Pure Black
- TrueTimber© Kanati Camouflage

Menu

UP	SELECT	DOWN
MENU		
GALLERY		
DEVICE		
FLASHLIGHT		
ABOUT		
⏻ THERMAL		
✕ EXIT		
10:00 AM 06/15/15		🔋

- View captured images.
- Set date, time, language, and auto power off settings.
- Control high and low flashlight intensity.
- Access device serial# and firmware version.

- Power off your device.
- Exit the menu.
- View time, date and battery Status.

To fully reset back to factory settings, choose **Device** then **Restore**.

Change reticle and temperature units by navigating to **Device → General**

Fast Frame (FF)

Reveal and RevealXR Fast Frame devices operate at ≥15Hz for smooth scanning on the go.

Navigation

Capture an image to be stored in the gallery

Power On/Off

Change the current display palette.

Use the reticle to measure a specific temperature.

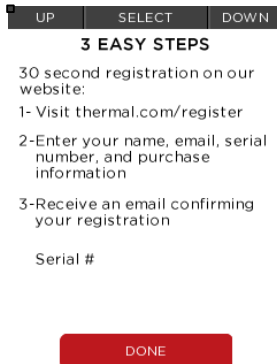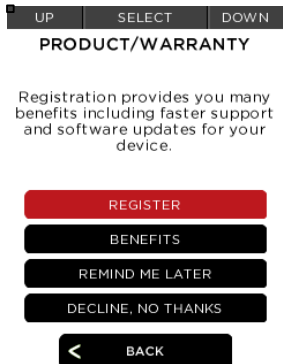Temperature display

Charge battery and access integrated microSD

Find Quality Products Online at: www.**GlobalTestSupply**.com   sales@GlobalTestSupply.com

Registration

Benefits of Registration:

By sharing your name, email, and serial number, you enable us to send you product updates and tips and techniques. We can also expedite your warranty inquiries by knowing when and where you purchased. Country information helps us to provide better local product support.

UP	SELECT	DOWN

PRODUCT/WARRANTY

Registration provides you many benefits including faster support and software updates for your device.

- REGISTER
- BENEFITS
- REMIND ME LATER
- DECLINE, NO THANKS

< BACK

UP	SELECT	DOWN

3 EASY STEPS

30 second registration on our website:

1- Visit thermal.com/register

2- Enter your name, email, serial number, and purchase information

3- Receive an email confirming your registration

Serial #

DONE

Changing your Registration:

Go to thermal.com and login to make changes to your user account.

Set Date and Time:

Set date, time and language on first startup.

PREV	SELECT	NEXT

SET DATE AND TIME

	MM	DD	YYYY
DATE	11	01	2016

	12 HOUR		
TIME	10	30	AM

< BACK

UP	SELECT	DOWN

LANGUAGE

ENGLISH	ESPAÑOL
FRANÇAIS	NEDERLANDS
DEUTSCH	ITALIANO
PORTUGUÉS	한국어
简体中文	日本語

Navigation

Use buttons to navigate through menus.

Select

Down

Up

Turn on the 300 Lumen LED flashlight.

The left two buttons have a quick navigation dropdown when selected.

Zoom

UP	SELECT	DOWN

ZOOM

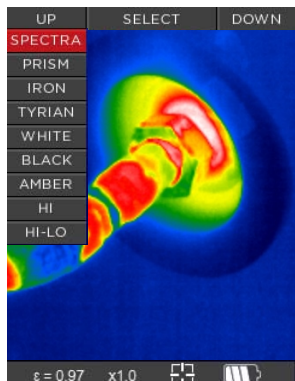Controls the digital zoom factor of the thermal image

x2.0

< BACK

While imaging, press and hold the left button to continuously zoom up to 4X. You can also set the zoom factor manually in settings.
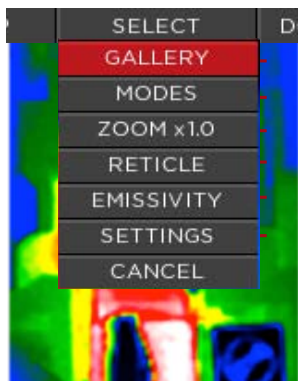
Filters

UP	SELECT	DOWN

SPECTRA
PRISM
IRON
TYRIAN
WHITE
BLACK
AMBER
HI
HI-LO

ε = 0.97   x1.0

Explore the various filters– from standard grayscale to spectra high contrast.

Menu

SELECT	D...
GALLERY	
MODES	
ZOOM x1.0	
RETICLE	
EMISSIVITY	
SETTINGS	
CANCEL	

View captured images.
Change the thermal imaging mode.
Zoom in up to 4x.
Toggle reticle on or off.
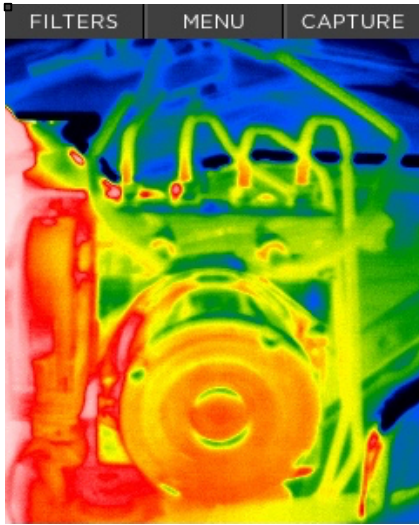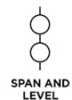Adjust emissivity.
Access more settings and features.

Quickly access common settings from the dropdown menu.

Capture

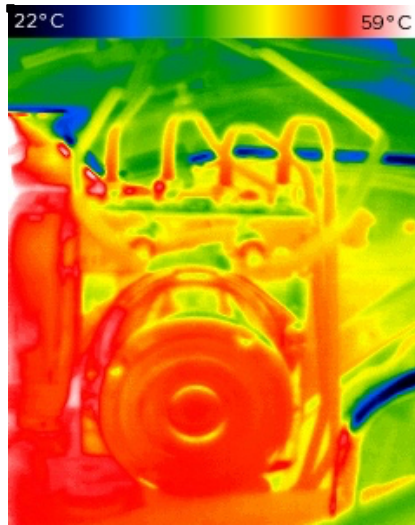| FILTERS	MENU	CAPTURE

ε = 0.97   x1.0
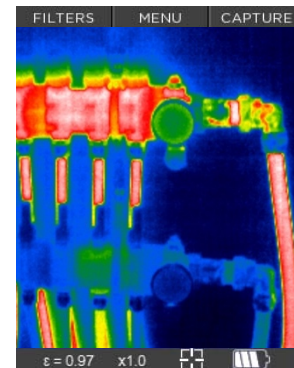
Press the **Up** button to capture images. Hold to capture multiple images.
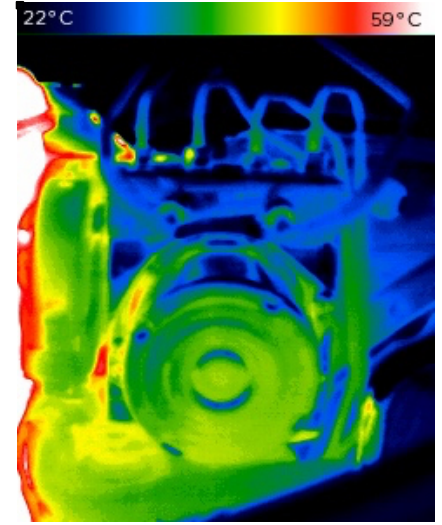
Modes

Optional, more advanced modes, that display all temperature data for maximum clarity.

NORMAL

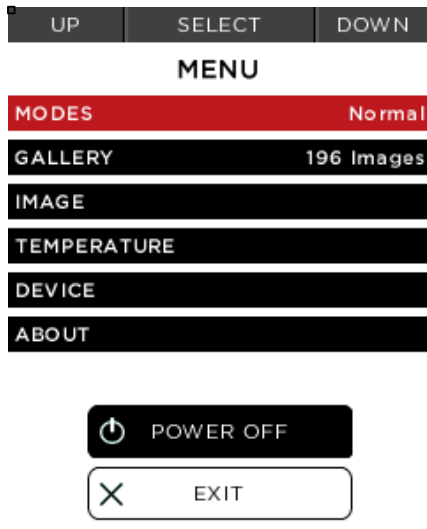Default mode that maximizes thermal image consistency using auto exposure control.

FULLFRAME

Displays all temperature data for maximum clarity.

SPAN AND LEVEL

Allows you to set and lock a temperature range to display the maximum thermal information of any object or scene.

Settings

MODES — Change the thermal imaging mode.

GALLERY — View captured images.

IMAGE — Control zoom, watermark and banner settings.

TEMPERATURE — Adjust units (°C,°F,K), emissivity and reticle.

DEVICE — Set date and time, language, auto power off, and flashlight settings.

ABOUT — Access device serial#, firmware version and registration information.

To fully reset back to factory settings, choose **Device** then **Restore**.

Thermal Span and Level

Individually adjust Span and Level range to meet your requirements. Choose reset to return to the default range.

Emissivity Control

Emissivity is a material property that defines how much IR light is emitted from a particular surface. Calibrate for emissivity through four pre-defined settings to ensure accurate temperature readings and reporting.

Current emissivity (ε) setting is visible in the lower banner.
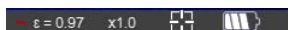
Reticle

Enable the reticle for precise spot temperature readings.

-40 to 626°F (-40 to 330°C)
Detection Range