

FLIR K65

FLIR K65 Thermal Camera Kit User Manual

Model: K65

INTRODUCTION

The FLIR K65 is an advanced thermal imaging camera designed for professional use, particularly in environments requiring NFPA compliance. This device provides clear thermal imagery to assist in various applications, ensuring usability, image quality, and durability. This manual provides essential information for the proper use and maintenance of your FLIR K65 thermal camera.



Image 1: Front view of the FLIR K65 Thermal Camera Kit. The camera features a robust housing, a display screen, and control buttons designed for glove-friendly operation.

KEY FEATURES

- **Compact and Rugged Design:** Built to withstand demanding conditions.
- **Glove-Friendly Operation:** Three-button design for straightforward use even with gloves.
- **High Clarity and Resolution:** Provides detailed thermal images for enhanced visibility.
- **Improved Visibility in Smoky Conditions:** Helps users navigate and operate safely.
- **Enhanced Tactical Decision-Making:** Clear imagery supports critical operational choices.

SETUP

1. **Unpacking:** Carefully remove the FLIR K65 camera and all accessories from the packaging. Verify all components are present according to the packing list.
2. **Battery Installation and Charging:**

The FLIR K65 uses a rechargeable battery. Ensure the battery is securely installed in the camera. Connect the charging cable to the camera and a power source. The charging indicator will illuminate. Allow the

battery to fully charge before first use. A full charge typically takes several hours.

3. **Initial Power On:** Press and hold the power button (usually located on the top or side) until the FLIR logo appears on the display. The camera will perform a self-test.
4. **Language and Time Settings:** Upon first power-on, you may be prompted to set the language, date, and time. Use the navigation buttons to select your preferences and confirm.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the power button for approximately 2 seconds to turn the camera on or off.
2. **Image Modes:** The FLIR K65 typically features different image modes (e.g., standard thermal, fire mode). Use the mode button to cycle through available modes. Observe the display to understand the visual differences between modes.
3. **Image Capture:** To capture a still image, press the dedicated capture button (often a trigger-style button). The image will be saved to the internal memory.
4. **Video Recording:** If equipped, press the video record button to start and stop video recording. A recording indicator will appear on the screen.
5. **Zoom Function:** If available, use the zoom buttons to digitally magnify the thermal image. Note that digital zoom can reduce image quality.
6. **Display Brightness:** Adjust display brightness through the menu settings to suit ambient light conditions.

MAINTENANCE

- **Cleaning the Camera Body:** Use a soft, damp cloth to wipe the exterior of the camera. Do not use abrasive cleaners or solvents.
- **Cleaning the Lens:** Gently clean the thermal lens with a lens cleaning cloth and a specialized lens cleaning solution. Avoid touching the lens with bare hands.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods. Recharge the battery regularly, even if not in use, to maintain its lifespan.
- **Storage:** When not in use, store the FLIR K65 in its protective case in a dry environment, away from extreme temperatures and direct sunlight.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates. Follow the provided instructions carefully for any update procedures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Battery is discharged or not properly installed.	Ensure battery is fully charged and correctly seated.
Image is blurry or unclear.	Lens is dirty or damaged.	Clean the lens carefully. If damage is suspected, contact support.
Camera freezes or becomes unresponsive.	Software glitch or temporary error.	Perform a soft reset by holding the power button until it shuts down, then restart. If issue persists, remove and reinsert battery.

Problem	Possible Cause	Solution
Cannot save images/videos.	Internal memory is full.	Transfer saved files to a computer and delete them from the camera's memory.

SPECIFICATIONS

Brand	FLIR
Model Name	FLIR K65
Connectivity Technology	Wireless (Wi-Fi)
Effective Video Resolution	240 Pixels
Waterproof Rating	IP54
Item Dimensions (LxWxH)	4.7 x 4.9 x 11 inches
Item Weight	16 ounces
Batteries Required	Yes
UPC	845188010881

WARRANTY INFORMATION

The FLIR K65 comes with the following manufacturer's warranty:

- **Unregistered Product:** 1 Year warranty.
- **Batteries:** 2 Years warranty.
- **Registered Product:** 5 Years parts and labor coverage on the camera, and 10 Years coverage on the detector.

Please refer to the official FLIR website or your purchase documentation for complete warranty terms and conditions, including registration procedures.

SUPPORT

For technical assistance, service, or additional information regarding your FLIR K65 thermal camera, please contact FLIR customer support. Visit the official FLIR website for contact details, FAQs, and additional resources.

It is recommended to have your product model number (K65) and serial number ready when contacting support.