Guide

INFRARED CAMERAS INC

FM+ SERIES IR CAMERA
QUICK START GUIDE

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We Are IR ™

THIS SYSTEM IS INTENDED TO BE USED ADJUNCTIVELY NOT AS A STANDALONE DEVICE

Printed in the United States of America.

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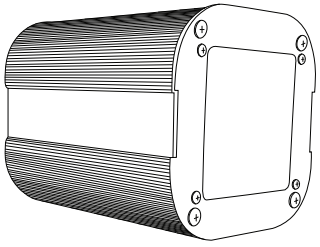
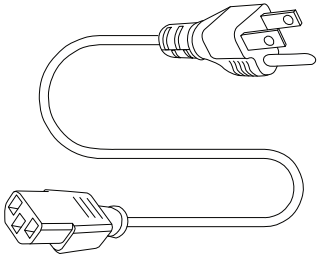
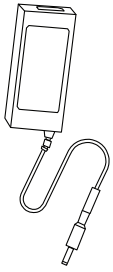
Package Includes



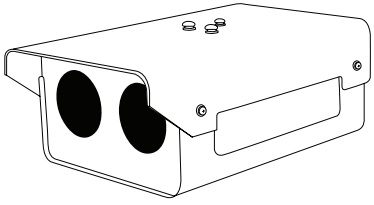
Temperature Reference



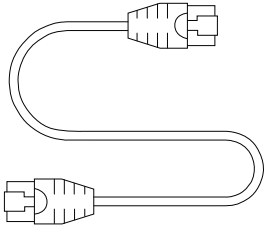
Power Cord x2



Power Adapter



FM Series IR Camera



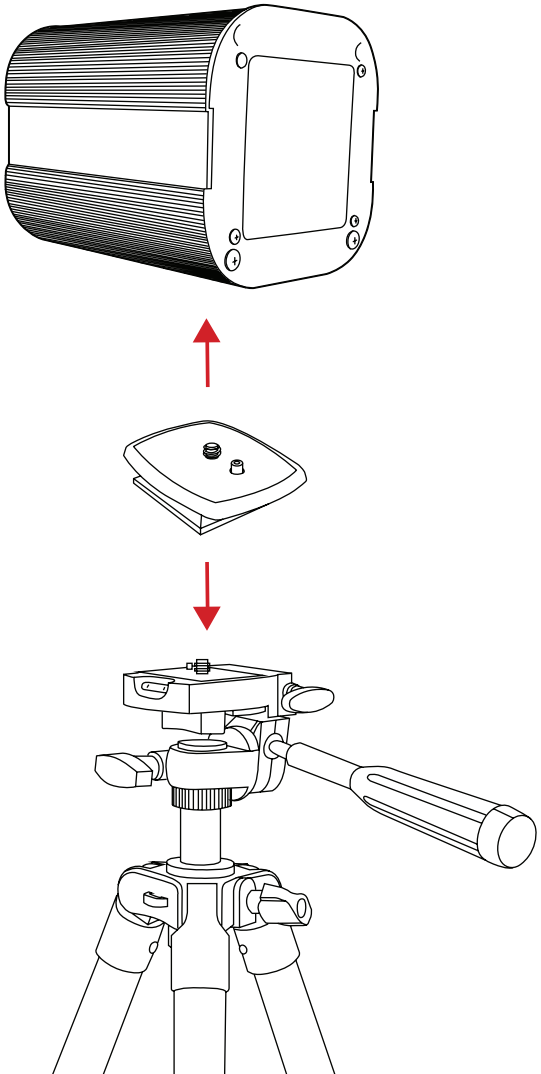
Ethernet Cable

Software USB Drive

Set Up

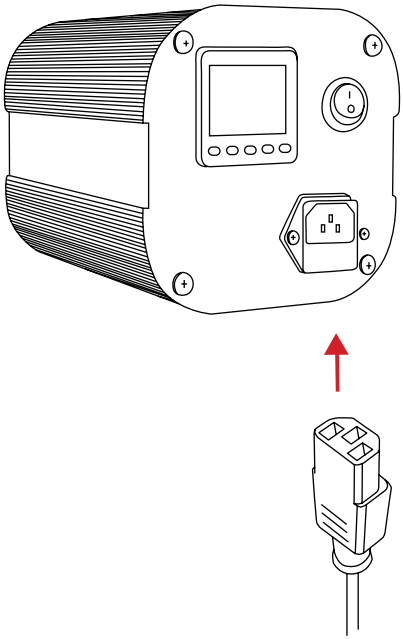
1.

Mount the Temperature Reference to a tripod using the ¼-20 mount.



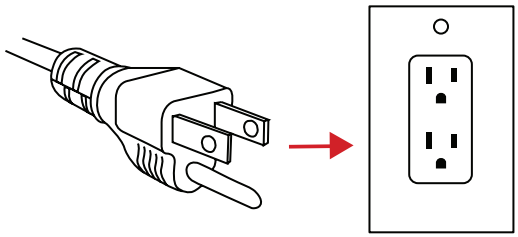
2.

Plug power cord into Temperature Reference.



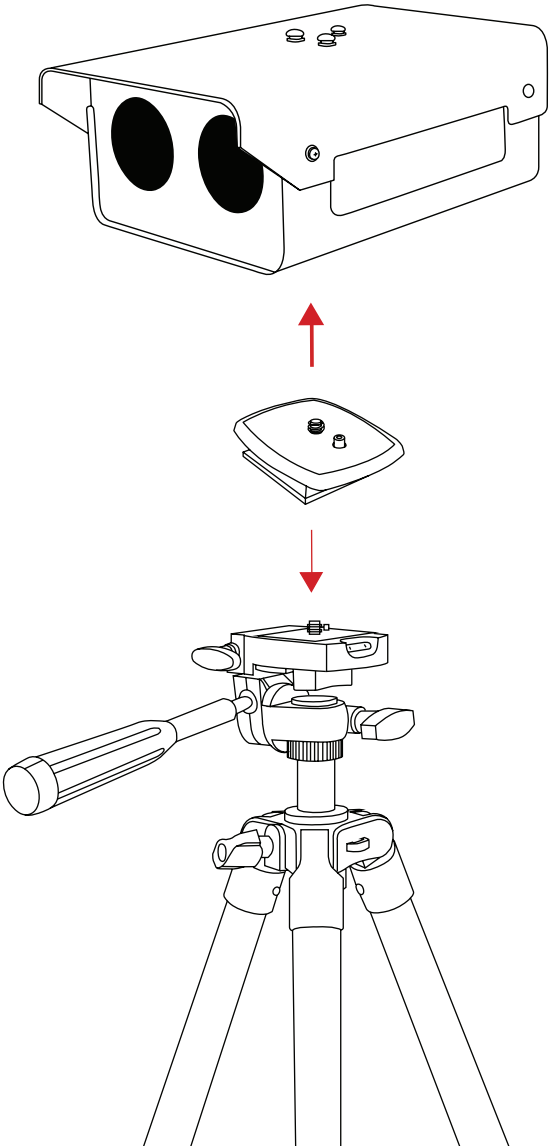
3.

Plug power cord into a 110/120V electrical outlet.



4.

Mount the FM+ Series IR Camera to a tripod using the ¼-20 mount.

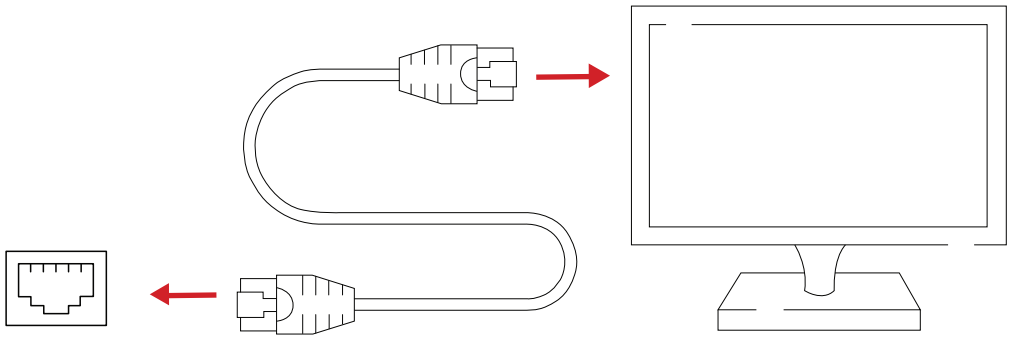


5.

Plug one end of the Ethernet cable into the FM+ Series IR Camera Ethernet port cable.

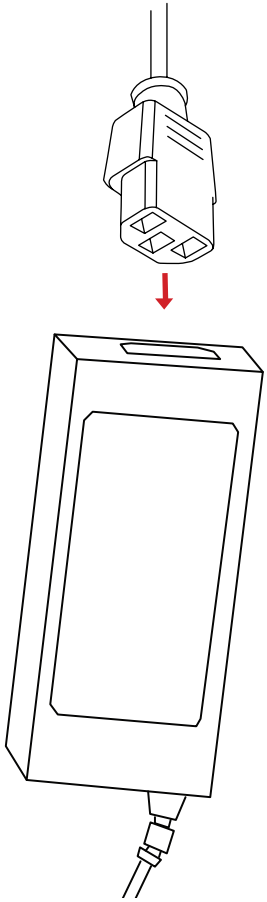
6.

Plug the other end of the Ethernet cable into a computer Ethernet port.



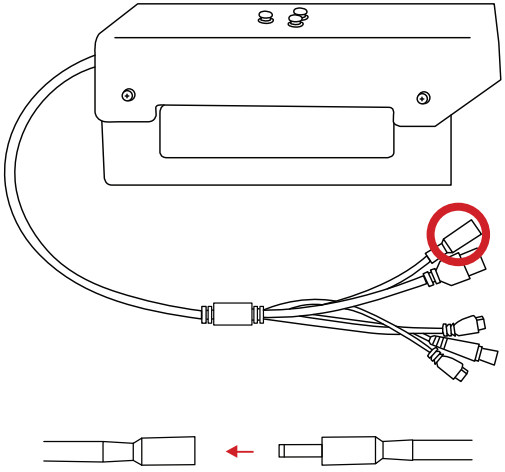
7.

Plug power cord into the power adapter.



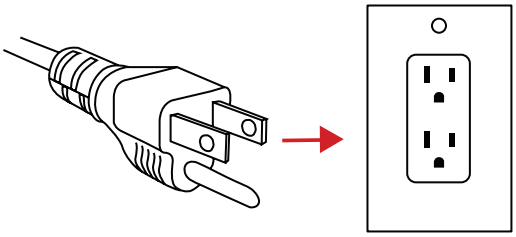
8.

Plug the power adapter into FM+ Series IR Camera barrel connector.



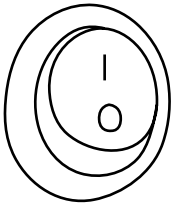
9.

Plug power cord into a 110/120V electrical outlet.



10.

Power on devices.



CRITICAL INFORMATION

- The technology should be used to measure only one subject's temperature at a time.
- Measurements should not be solely, or primarily, relied upon to diagnose or exclude a diagnosis of any disease.
- Elevated body temperature should be confirmed with secondary evaluation methods (e.g., an NCIT or clinical grade contact thermometer).
- Calibrate systems annually to maintain accurate device specifications.
- Make sure you have all system equipment and component items (refer to the Package Includes section on page 3).
- Ensure setup area has a stable ambient temperature between 20 °C and 24 °C.
- Select an appropriate area free of immediate airflow from doorways, as well as air conditioning/ventilation systems. Airflow can influence temperature readings.
- Select an appropriate area free of intense ambient heat from doorways/windows. Temperature fluctuations can influence temperature readings.
- Target area must have a non-reflective background.
- When fully assembled, make sure the system does not block the direct path of person(s) to be imaged. This ensures it will not be moved or knocked down. Using a dividing barrier will help keep tripods separate from the path.
- The temperature reference source (used for thermal drift compensation) is important in obtaining an accurate temperature assessment.
- Allow at least 45 minutes for the temperature reference to warm up. This will provide the most accurate skin temperature measurements.
- Make sure the temperature reference is positioned off center to keep the person being imaged as centered as possible.
- Read the current government guidance regarding the use of telethermographic systems for skin temperature measurements. Additional information can be found by reading IEC 80601-2-59:2017 Medical electrical equipment — Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening and ISO/TR 13154:2017 Medical electrical equipment - Deployment, implementation and operational guidelines for identifying febrile humans using a screening thermograph.
- Recommended system requirements for software:

  Processor: i5 or above
  RAM: 4 GB or above
  OS: Windows 8/8.1/10
  Hard Drive: 256 GB or above
  Display Resolution: 1920×1080

ABOUT ICI / CONTACT

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You may reach a representative by phone or email Mon – Fri 8:00AM - 5:00PM CST.

ICI manufactures complete systems and software. We can provide complete engineering, software, and OEM solutions. Our Fortune 500 clients rely on us for infrared equipment and thermography training (which we offer through the Infrared Training Institute).

In addition to providing custom germanium, silica, and sapphire optics, we also build windows for enclosures, as well as custom pan and tilt units. We can even provide customizable explosion proof systems.

Our knowledge and experience stems from years of using infrared imaging and temperature measurement instruments to provide solutions to: managers, engineers, scientists, inspectors and operators in space, power companies, medical, pulp and paper, food industry, research and development, and various process industries. You can see our products and services used in industrial, commercial, and government applications worldwide. Originally named Texas Infrared (still DBA), Infrared Cameras Inc. has been in business since March, 1995.

Thank you for your dedicated and continued support.