



# ICI

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INFRARED CAMERAS INC

## T-CAM 300 P-SERIES QUICK START GUIDE



ICI cameras fall under US Federal Law and Export Control.

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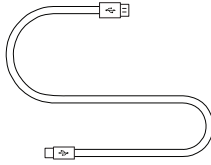
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## Package Includes

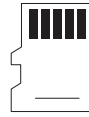
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T-Cam device



USB to Type-C Cable



Micro-Sd Card

**ENSURE ALL SYSTEM EQUIPMENT AND COMPONENT ITEMS ARE PRESENT BEFORE BEGINNING INSTALLATION**

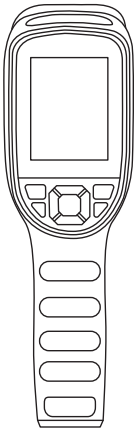
# Set Up

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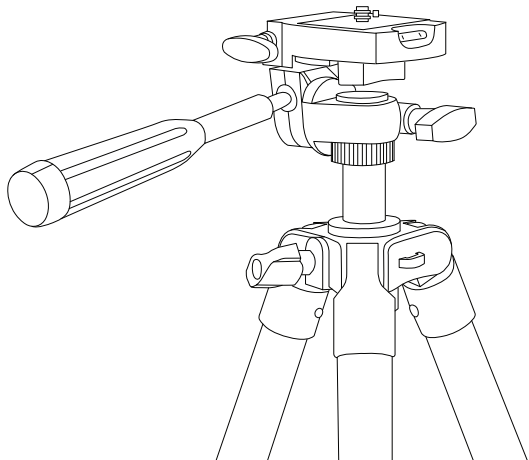
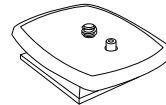
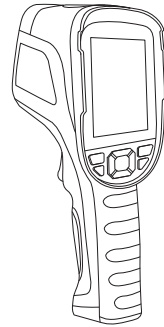
## A.

Mount the fully charged T-Cam to a tripod using the  $\frac{1}{4}$ -20 mount located on the bottom of the device handle.

The T-Cam can be used as a handheld device.



or



## B.

Power on device.



**TURN ON THE CAMERA BY PRESSING AND HOLDING THE POWER BUTTON FOR AT LEAST TWO SECONDS.**

**PRESS AND HOLD THE POWER BUTTON FOR MORE THAN 5 SECONDS TO SHUT DOWN THE CAMERA.**

**THE THERMAL IMAGER NEEDS SUFFICIENT WARM-UP TIME FOR THE MOST ACCURATE TEMPERATURE MEASUREMENTS AND BEST IMAGE QUALITY. THIS TIME CAN OFTEN VARY BY ENVIRONMENTAL CONDITIONS. IT IS BEST TO WAIT A MINIMUM OF 10 MINUTES FOR THE DEVICE TO COMPLETELY WARM-UP.**

## Memory Card

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A.

Insert the Micro-SD Card into the top of the T-Cam device until a clicking sound is heard.



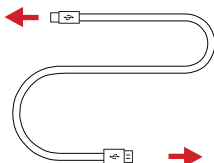
**DO NOT FORCE MICRO-SD CARD INTO THE SLOT. THE SIDE OF THE CARD WITH CONTACT PINS MUST BE INSERTED FIRST. IF THERE IS RESISTANCE FLIP THE CARD AROUND AND TRY AGAIN. TO EJECT THE MEMORY CARD PRESS UNTIL A CLICK IS HEARD AND THEN RELEASE. MEMORY CARD WILL BE EJECTED.**

## Charging Instructions

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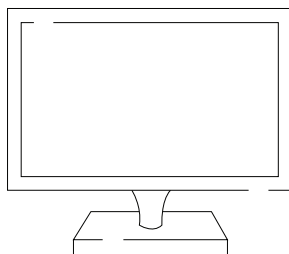
A.

Plug the USB Type-C end of the USB cable into the top of the T-Cam device.



B.

Plug the other end of the USB cable into an available USB port on a computer.



**WHEN USING A COMPUTER FOR CHARGING THE COMPUTER SHOULD BE POWERED ON. CHARGE THE BATTERY FOR A MINIMUM OF 4 HOURS BEFORE USING.**

**ICI DOES NOT RECOMMEND CHARGING THE DEVICE WHILE IT IS ON A TRIPOD. LAY DEVICE FACE DOWN ON A FLAT AND STABLE DESK OR TABLE WHILE CHARGING.**

**ENSURE THE IMAGER IS NEAR ROOM TEMPERATURE BEFORE CHARGING THE DEVICE. DO NOT CHARGE IN EXTREMELY HOT OR COLD AREAS. THE BATTERY CAPACITY MAY BE DECREASED IF CHARGED IN AN EXTREME TEMPERATURE ENVIRONMENT.**

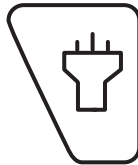
**ALTERNATIVELY, PURCHASE AND USE A 5V 1A OR 5V 2A POWER ADAPTER FOR CHARGING. PLUG THE TYPE-C USB END OF THE CABLE INTO THE DEVICE AND THE USB END OF THE CABLE INTO THE POWER ADAPTER. PLUG THE POWER ADAPTER INTO A 110V/120V ELECTRICAL OUTLET. THE CHARGING SPEED OF THIS METHOD IS FASTER THAN CHARGING VIA COMPUTER.**

## Flashlight Operation

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A.

To turn on/off the Flashlight  
press and hold the LED Flashlight  
button for two seconds.



**USING THE FLASHLIGHT WILL DRAIN THE BATTERY FASTER.**



## 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.