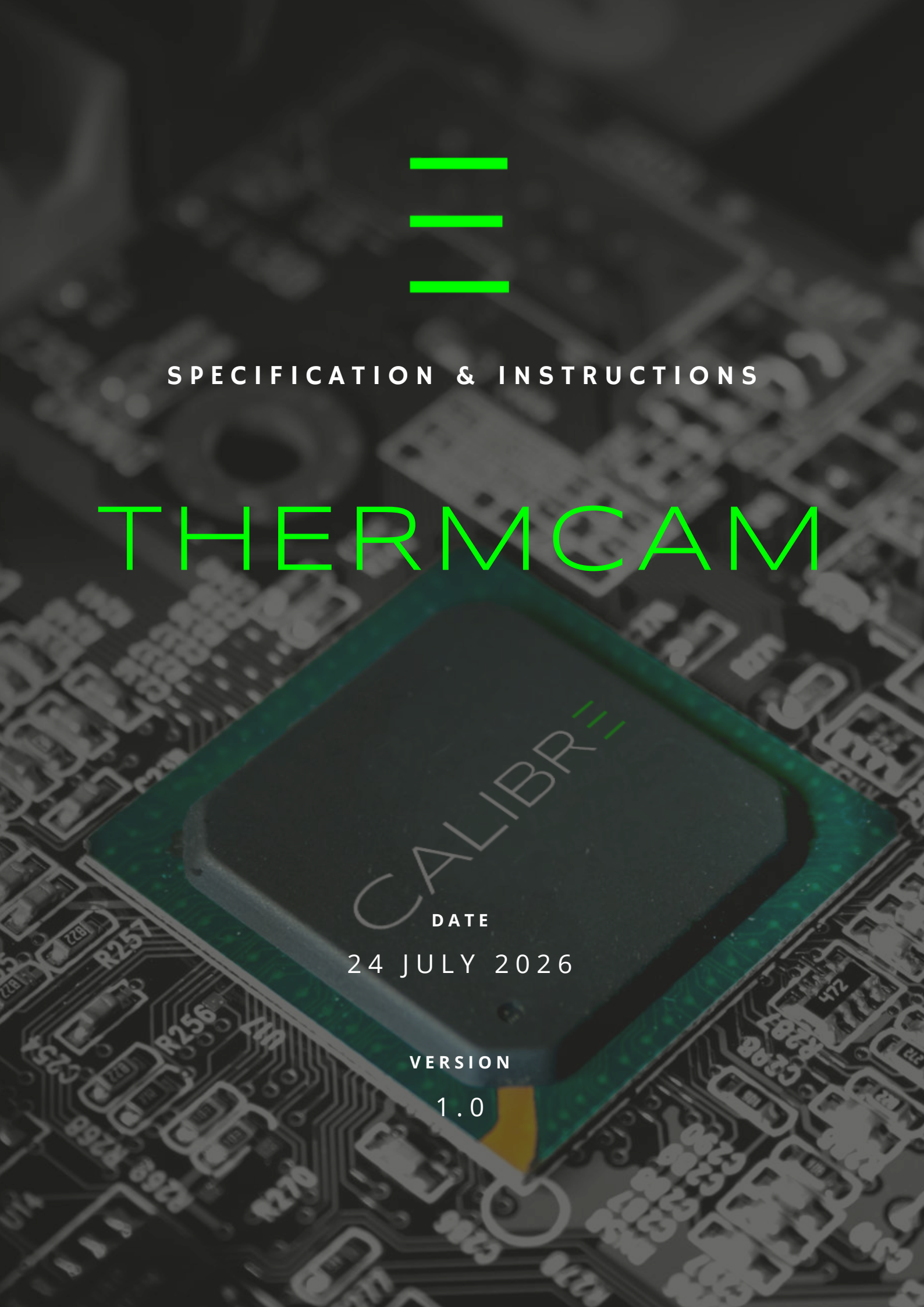
SPECIFICATION & INSTRUCTIONS

THERMCAM



DATE

24 JULY 2026

VERSION

1.0

BASIC OVERVIEW

DIMENSIONS

DIMENSIONS - 154x115x30

WEIGHT - 6KG

MATERIAL - Steel

PORTS:

Hi-Speed USB C Charging

USB A Fle Extraction

FEATURES

Range - Up to 50 metres

7-inch Touchscreen Display

Real-Time Thermal Imaging

Photograph Capture

5-Second Video Capture

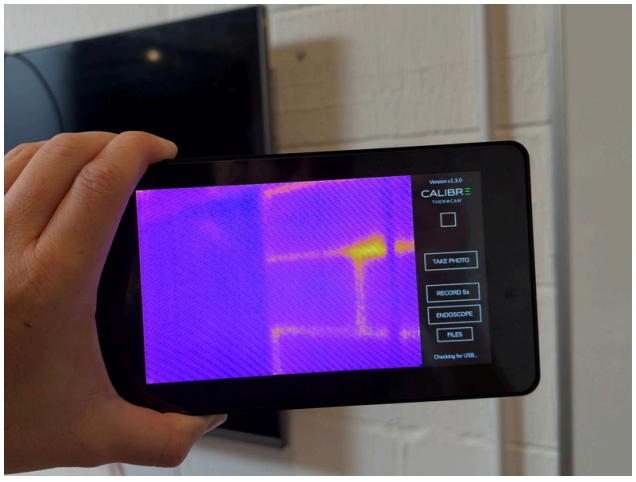
Internal File Storage

Automatic USB Export

POWER

0%-100% Charge Time: Approx 45 mins

Battery Run Time: Approx 2hrs 40mins



SUMMARY

The CALIBRE THERMCAM is a dedicated thermal imaging system designed for professional technical inspections. Its large 7-inch touchscreen provides a clear, easy-to-view thermal image, while integrated photograph capture, video recording and automatic USB export allow areas of interest to be documented quickly during an inspection.

INTRODUCTION

The CALIBRE THERMCAM is a specialist thermal imaging system designed to support TSCM operatives during technical inspections by helping identify unusual heat signatures that may indicate concealed electronic devices, power sources or other equipment requiring further investigation.

The THERMCAM features a large 7-inch touchscreen display, providing a clear and intuitive interface while offering a significantly larger viewing area than many conventional handheld thermal cameras. Operatives can capture thermal images at the touch of a button, record short 5-second video clips and review areas of interest without interrupting the inspection process.

Images and video recordings can also be exported quickly and securely by inserting a USB storage device, with stored files automatically transferred for further review or inclusion within inspection reports. Combining a large touchscreen, straightforward controls and practical evidence capture, the THERMCAM is a versatile and effective addition to any professional technical surveillance countermeasures equipment package.



INTRODUCTION

OVERVIEW OF THE THERMCAM

- **50 Metre Range:** The themal module is capable of detecting heat from up to 50 metres away.

- **7-inch Touchscreen Display:** A pioneering feature in thermal cameras, the THERMCAM's large, 7-inch touchscreen offers intuitive navigation and control, enhancing user interaction and efficiency in signal analysis.

- **Photograph Capture:** Simply press the TAKE PHOTO button and your image will be saved.

- **Video Record:** A 5 second video record opotion is also available.

- **Automatic USB Export:** Simply plug a USB into the device and the images and videos will automatically export to that stick.

- **Internal File Storage:** Insert a USB storage device and stored photographs and videos will automatically export, allowing inspection material to be transferred quickly without connecting the THERMCAM to another computer or network.

- **Purpose-built for Technical Inspections:** The combination of a large touchscreen, simple controls and integrated evidence capture makes the THERMCAM particularly suited to professional TSCM and security inspection work.

INSTRUCTIONS

SAFETY INFORMATION

Warning: Proper Handling Required

- Handle the device with care. Dropping or mishandling the device can cause damage.
- Do not insert any objects into the ventilation holes or ports.
- Avoid using the device in environments with excessive dust, moisture, or vibrations.

Warning: Overheating Hazard

- Avoid operating the device in extreme temperatures. Refer to the specifications for the recommended operating temperature range.

Warning: Use Correct Power Source

- Use only the charging plug and lead provided with the device or a replacement specified by the manufacturer.
- Ensure the power source matches the following outputs:
  - Voltage - 5V
  - Current - 1A
  - Power - 5W

Warning: Qualified Service Personnel

- Do not attempt to repair or modify the device yourself. Only Calibre service personnel should perform repairs.

INSTRUCTIONS

GETTING STARTED

- **POWER ON -** Press the power button once to turn the device on. It will take a while to self-calibrate and start operating.
- **POWER OFF -** To turn the device off, press the power button twice in quick succession.
- **ALLOW THE THERMAL IMAGE TO STABILISE -** Once the interface has loaded, allow a short period for the thermal image to settle before assessing areas of interest.



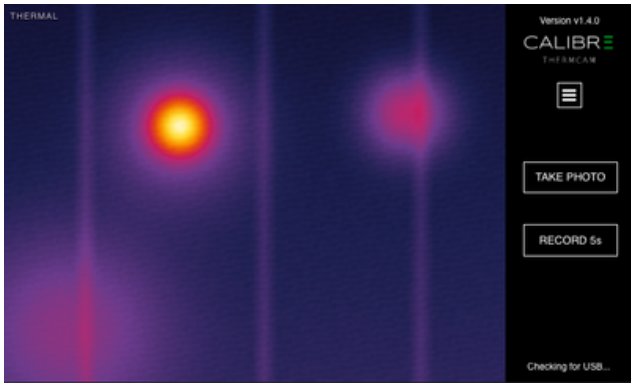
INSTRUCTIONS

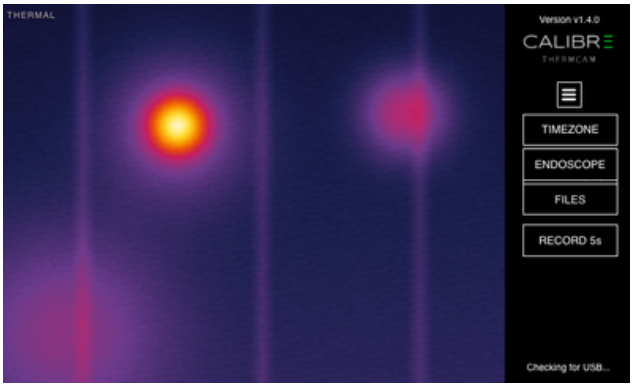
THERMAL DISPLAY & MENU

THERMAL VIEW - The live thermal image fills the main display. Select TAKE PHOTO to capture a still image or RECORD 5s to record a five-second clip. The lower-right corner shows the USB connection status.

OPEN THE MENU - Select the three-line icon at the upper-right. The menu gives access to TIMEZONE, ENDOSCOPE and FILES, and also includes RECORD 5s.

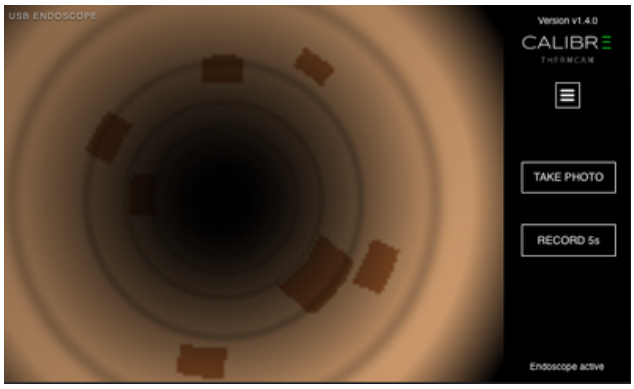
The images below show the main thermal display (left) and the menu expanded (right).

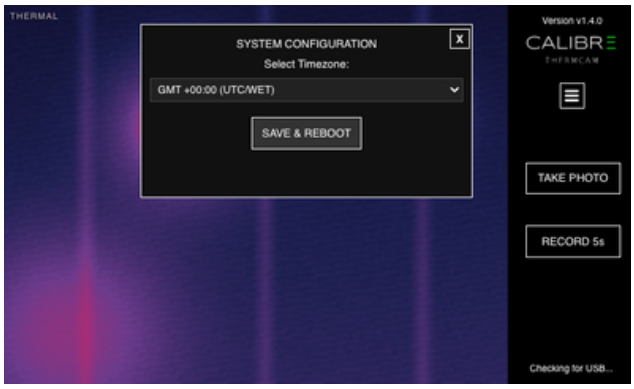




INSTRUCTIONS

ENDOSCOPE & TIMEZONE





USB ENDOSCOPE
Connect a compatible USB endoscope to the THERMCAM USB-A port. Open the three-line menu and select ENDOSCOPE to view the USB camera feed. In this mode, TAKE PHOTO captures a still image and RECORD 5s records a five-second clip. The screen shows “Endoscope active”.

TIMEZONE SETTINGS
Open the menu and select TIMEZONE. In SYSTEM CONFIGURATION, select the required GMT/UTC offset from the list, then choose SAVE & REBOOT. The THERMCAM restarts to apply the setting. Do not begin an inspection until the interface has loaded again.

INSTRUCTIONS

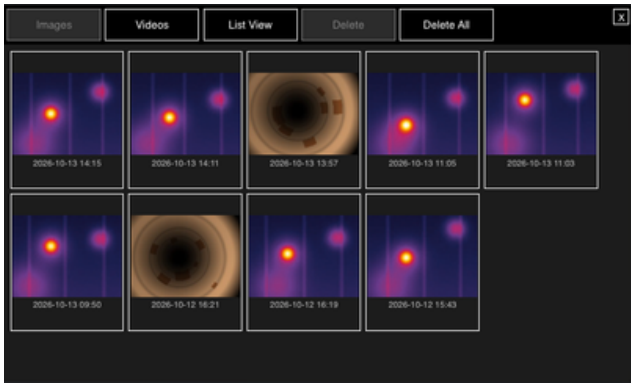
FILES, IMAGES & DELETION

OPEN FILES — Open the three-line menu on the thermal screen and select FILES. Captures appear as thumbnails with their date and time. Use IMAGES or VIDEOS to choose the type of media, or LIST VIEW to change how the files are displayed.

DELETE A FILE — Select the item to remove, then use DELETE when available.

DELETE ALL IMAGES — While viewing images, select DELETE ALL. A confirmation asks whether to delete all Images. Select YES to proceed or NO to cancel. Check that any material needed for an inspection report has been safely exported before confirming.

If the software is unresponsive, follow the power-cycle guidance on page 6; support information is on page 10.





MAINTANENCE

GENERAL CARE

Keep the touchscreen and thermal imaging window clean and free from dust, fingerprints and other contamination.

Use only a soft microfibre cloth when cleaning optical or display surfaces.

Do not use abrasive cleaning products, solvents or excessive moisture. Where possible, store the SPECAN TOUCH 2 within its protective case when it is not in use.

Charge the device periodically during extended periods of storage to help maintain battery condition.

SUPPORT

If it appears that the device is not functioning properly, shut the device down following the correct procedure and turn it on again.

If the problem persists, please email us info@Calibre-Defence.com and someone will respond to you within 24-48 hours.

WARRANTY

COVER

All Calibre products are covered by a 12-month warranty from the date of purchase. The warranty covers manufacturing defects and faults in materials. It does not cover damage resulting from misuse, accidental damage, or normal wear and tear. To claim warranty service, please provide proof of purchase and a detailed description of the issue. If the product is found to be defective under normal use, it will be repaired or replaced at no additional cost. This warranty does not affect your statutory rights.

For more information, please contact our customer service team.