

# 640

## ThermalCapture 2.0



### FEATURES:

- Per-pixel temperature measurements
- Store Digital RAW data on Micro SD Card
- Analog live video output
- Stores position and time (GPS + PPS)
- S-Bus compatible
- Remote controlable
- Available in 9Hz and 30Hz
- Compatible with FLIR software tools

### SPECIFICATIONS:

- Dimensions: **45 x 45 x 60mm<sup>3</sup>** (W x H x L)
- Weight: **95g**, incl. FLIR Tau2 Core
- Resolution: 640x512 pixel
- Thermal resolution: 0.04K

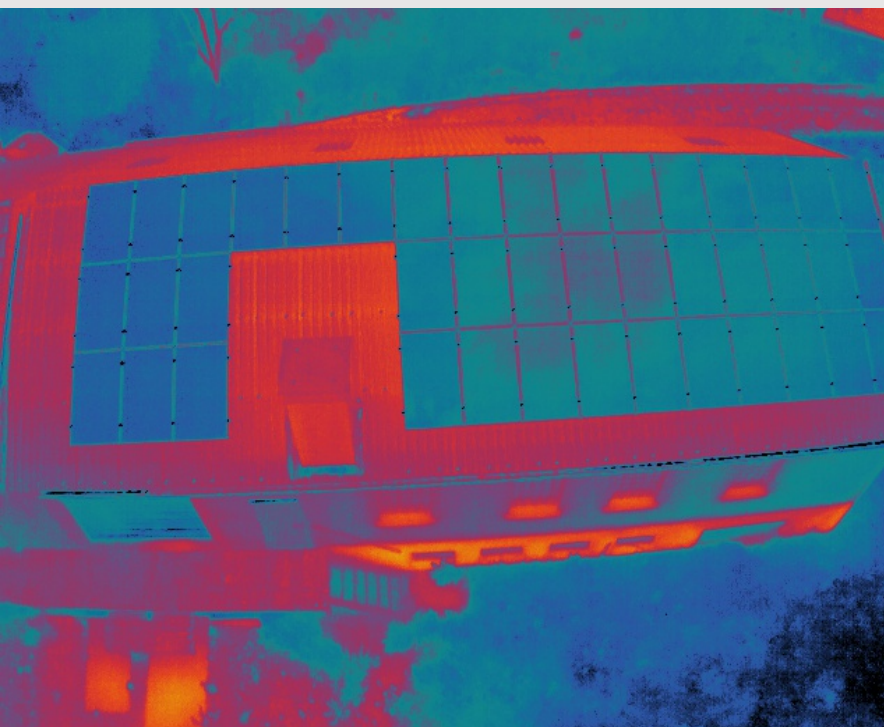
### ThermalCapture 2.0 640

ThermalCapture 640 stores fully radiometric per pixel temperature data onto a Micro SD card directly on-board of your UAV. This eliminates transmission errors and enables you to do per-pixel temperature measurements with a thermal resolution of 0.04 degrees.

Via the analog video output you get a live video stream to find the perfect view to the object of desire. Various I/O ports let you change color palettes or zoom levels remotely and precise position and time information can be obtained from external GPS receivers, or via Mavlink input.

ThermoViewer is our free software to process recorded data. Important images can be easily selected and exported into various formats, including radiometric JPG files, which can be processed with all existing FLIR software tools.

[www.thermalcapture.com](http://www.thermalcapture.com) | [info@thermalcapture.com](mailto:info@thermalcapture.com)



### LEADING EDGE SYSTEM INTEGRATION.

TeAx Technology provides application-specific solutions in hardware and software.

Expertise are embedded systems and remote sensing. The focus is on development and integration of special payloads for UAVs.

For general development and projects on integration to PC software and embedded systems, TeAx Technology convinces through customized solutions and individual advice.