

ThermalCapture Fusion Zoom.

World's first fully aligned, super-lightweight zoom-able dual camera.
For professional drone operations.



TOP Features



Alignment
Of thermal +
RGB



Overlay
Thermal +
Visual



Digital
Radiometric
data



Visual Stabilized
Optical vibration-
compensation



Visual Zoom
10x times
optical zoom



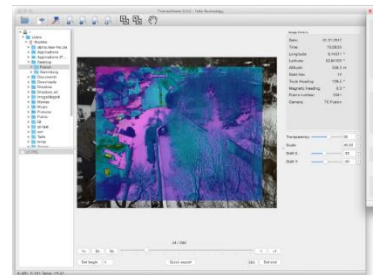
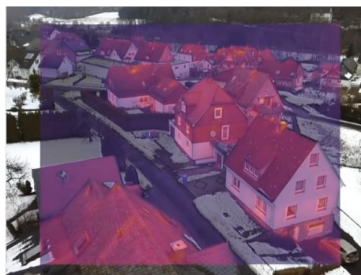
Geo-Referenced
Position + Time
storage



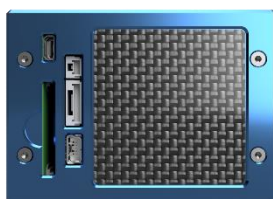
Controllable
Remote via
S-BUS / PWM

Introduction

ThermalCapture **Fusion Zoom** is a dual camera (thermal & visual) especially designed for small drones. It stores full digital 14-bit radiometric thermal data as well as full digital visual data - both, completely aligned. With its lightweight design and 10x times (visual) optical zoom capability, it is the perfect and very flexible tool for unmanned operations within thermal mapping, security operations but also high level industrial inspections. Live view comes via analog video (PAL) and HDMI.



Specifications



Dimensions:
83x71x46 mm
3.27x2.79x1.8 in

Weight:
310 gram
0.68 lb

Data output:
SD card
HDMI / AV (PAL)

Interfaces:
MAVlink, NMEA,
S-BUS, PWM

Housing:
Carbon,
Aluminum

Post-processing:
ThermoViewer,
FLIR Tools

Thermal sensor:
FLIR Tau 2 640 19mm
Resolution 640 x 512 pixel

Thermal sensitivity:
0.05K (performance grade) or
0.03K (industrial grade)

Visual sensor:
TAMRON 1080p 10x zoom
Resolution 1920 x 1080 pixel