

# ThermalCapture Fusion.

Beyond Drone Thermal Imaging.



TOP Features



**Alignment**  
Of thermal + visual



**Overlay**  
Thermal + Visual



**Digital**  
Radiometric data



**Interfaces**  
Serial interfaces for Meta Data



**Compatible**  
With any drone



**Geo-Referenced**  
Position + Time Storage



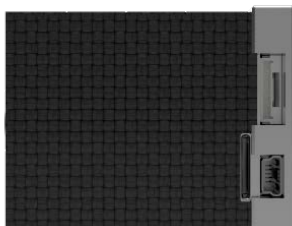
**Controllable**  
Remote via S-BUS / PWM

Introduction

ThermalCapture Fusion 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 architecture, 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:**  
61x30x56 mm  
2.4x1.18x2.2 in

**Weight:**  
130 gram  
0.28 lb

**Data output:**  
microSD card  
HDMI / AV (PAL)

**Interfaces:**  
MAVlink, NMEA,  
S-BUS, PWM

**Housing:**  
Carbon,  
Aluminum

**Post-processing:**  
ThermoViewer,  
FLIR Tools

**Thermal sensor:**  
FLIR Tau 2 640 13mm  
Resolution 640 x 512 pixel

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

**Visual sensor:**  
Sony Exmor  
Resolution 1600 x 1200 pixel