

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



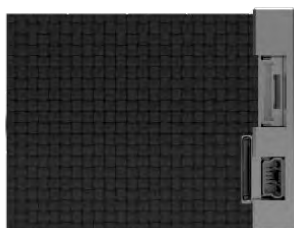
Controllable
Remote via S-BUS / PWM

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