ThermalCapture IRnet

Real-time streaming via Ethernet while recording radiometric data to microSD.

TOP Features

9Hz & 30Hz
Available for 9Hz and 30Hz Tau 2 cores

Thermal Zoom
Thermal digital zoom while real time streaming

H.264 Live
Real time IP streaming

Recorder
Radiometric thermal data recorder

Processing
Powerful processing unit (i.mx6)

Compatible
FLIR Tau 2 and FLIR Vue Pro R

Controllable
Remote via Ethernet in real time

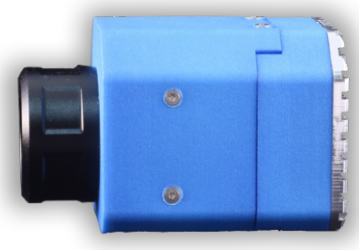
Introduction

Being designed for FLIR Tau 2 and FLIR Vue Pro / R cores, ThermalCapture IRnet brings real-time access in drone flight operations to thermal imaging data. Next to real-time access, it also stores the full 14bit radiometric thermal data on a microSD card.

Real-time access remains available whilst radiometric data are being recorded to the microSD card. Operators can also control the camera and settings via Ethernet.

- H.264 live (real-time) streaming
- Radiometric thermal data recorder (storage to microSD)
- Controllable camera settings via network in real time
- Access to recordings via network – even during recording process
- Thermal digital zoom during live streaming
- Compatible with FLIR Tau 2, FLIR Vue Pro / R
- Most lightweight and smallest solution in the drone market
- Special features for "Advanced User", e.g. configure video settings, access to Ubuntu / Linux, C++ SDK
- Powerful Processor (i.mx6)
- Customizable for special client request

Specifications



Dimensions:
50 x 50 x 80mm
2 x 2 x 3.2in

Weight (incl. Tau):
165 gram
0.36 lb

Data output:
H.264 /
TMC files

Interfaces:
Ethernet / AV /
microSD card

Housing: Aluminum / Polymer

Post-processing:
ThermoViewer /
FLIR Tools

Thermal sensor:
FLIR Tau 2, resolution options:
324, 336, 640 pixel

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

Thermal lens options:
Standard: 7.5, 9, 13, 19 mm
Optional: 25, 35, 50, 60, 100 mm

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