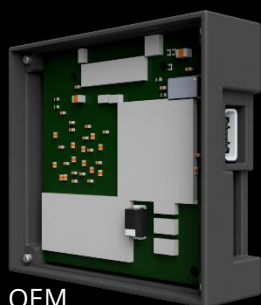
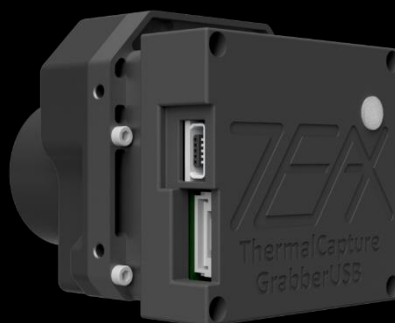


ThermalCapture Grabber USB

STREAM raw, digital radiometric thermal data.
In real time.



OEM



TOP Features



Aerial drone

Real time thermal data, aerial drones



Ground drone

Real time thermal data, ground drones



Industrial

Real time thermal data, fixed settings



Streaming

Thermal data streaming in real-time



SDK

Easy integration due to open source SDK



Thermal Apps

Apps for thermal data streaming



Notifications

Automated alerts & notifications

Introduction

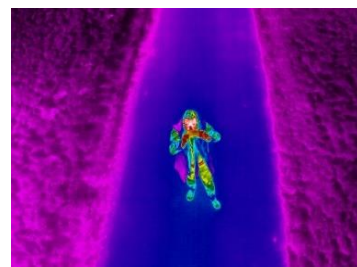
ThermalCapture Grabber USB brings the raw data stream from your TAU Core to your PC or embedded system in real-time.

The Mac OS X, Linux and Windows SDK makes access to full 14-bit radiometric and non-radiometric raw data easy. Additionally the serial configuration interface of the TAU core can be accessed during raw data transfer.

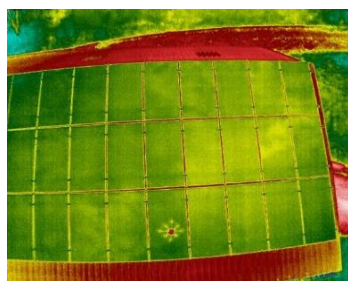
The SDK is open source to allow an easy porting to different hardware platforms.

Mac OS X and Linux SDK uses libusb 1.0 to communicate with the hardware, so no kernel driver module is needed. V4L2 sample code based on v4lloopback is available.

Windows SDK uses WHQL certified driver available for Windows XP, 7, 8, 10



Specifications



Unique features & specifications:

- USB 2.0 high speed grabber for Tau 2
- Low latency raw data streaming
- For radiometric & non-radiometric cores
- Supports slow- and fast-video Tau 2 cores up to 30 fps
- Easy integration due to open source SDK – available for Mac OS X, Linux and Windows

Thermal sensor:

Supports the following FLIR Tau 2 160, 324, 336, 640 pixel

Dimensions:
46x42x15 mm
1.8x1.6x0.6 in

Power:
150mA at 5V
(from USB)

Weight (excl. Tau):
25 gram
0.05 lb

Interfaces:
MAVlink, NMEA,
S-BUS, PWM