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PureThermal 2 - FLIR Lepton Smart I/O Board

🟢 DEV-14670 ROHS✔

★★★★★ 2

DESCRIPTION   **FEATURES**   **DOCUMENTS**

- Get Thermal video over USB right out of the box using freeware apps like VLC on Mac, Linux, Windows, or Android
- PT2 can do 9 Hz color video over usb using the USB UVC class
- STM32F412 ARM microprocessor. Execute on-board image processing without the need for an external system
- Through-holes for GPIO and peripheral breakouts to easily attach other devices
- Device Firmware Upgrade (DFU) the STM32 ARM MCU over USB
- Debug via JTAG through a 6-Pin plug-of-Nails port using a Tag-Connect TC2030-IDC-NL, an ARM20-CTX, & ST-Link V/2.
- Powered via USB
- UART, I^{2}C, and GPIO Expansion via standard 0.1" holes
- Compatible with all current 2.x and 3.x Lepton cores
- Dimensions: 30mm x 18mm

Tags

BREAKOUT   DEVELOPMENT   FLIR   IMAGING   INFRARED   LEPTON   PURETHERMAL
RADIOMETRY   SENSOR   USB

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PureThermal 2 - FLIR Lepton Smart I/O Board Product Help and Resources

TUTORIALS   VIDEOS   SUPPORT TIPS   SKILLS NEEDED

FLIR Lepton Hookup Guide
MARCH 26, 2015

See the invisible world of infrared radiation using the FLIR Dev Kit and Raspberry Pi.

COMMENTS 7   REVIEWS ★★★★★ 2

Customer Reviews

★★★★★ 5 out of 5

Based on 2 ratings:

5 star		2
4 star		0
3 star		0
2 star		0
1 star		0

Currently viewing all customer reviews.

1 of **1** found this helpful:

★ ★ ★ ★ ★ Impressive

about 4 months ago by Lou ✔ verified purchaser

I had been working with the Lepton for a little bit. I'm using this with a robot - the USB interface is much more robust and easier to use and move between CPU classes. I have had issues when running it through a USB3 hub, where the image will freeze sometimes, but otherwise it does the job.

★ ★ ★ ★ ★ Review PureThermal 2 FLIR

about 3 months ago by Rob M ✔ verified purchaser

I purchased this module a few weeks ago and it is the easiest way to connect your project to a lepton sensor. Highly recommended.

Email address

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