



LEARN

BLOG

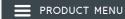




LOG IN

REGISTER

Need Help? -



find products, tutorials, etc...



SPARK X

EDUCATION

AVC

FORUM

HOME / PRODUCT CATEGORIES / IMAGING / PURETHERMAL 2 - FLIR LEPTON SMART I/O BOARD















© images are CC BY 2.0



PureThermal 2 - FLIR Lepton Smart I/O Board

DEV-14670 ROHS
✓



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, I²C, 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

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.



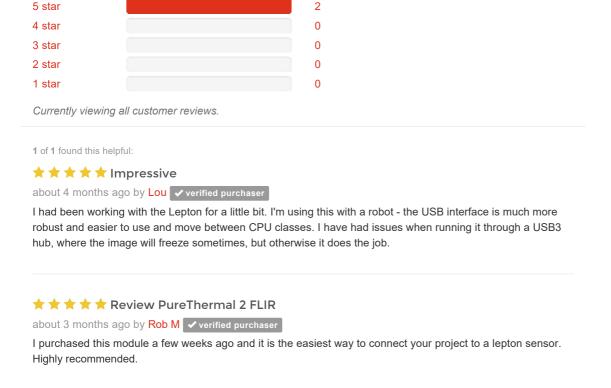


Customer Reviews



Based on 2 ratings:

Downloaded from **Arrow.com**.



















Email address

SUBSCRIBE TO NEWSLETTER

ABOUT SPARKFUN

Read Our Story Press & Media SparkFun Education & Job Openings

PARTNER WITH US

See Our Partners Become a Distributor/Reseller Receive Volume Discounts **Build a Custom Kit** Apply for a Hardware Donation

SUPPORT

Customer Support Purchase Orders & Payment Terms **Technical Assistance FAQs** Contact Us

SITE INFORMATION

Terms of Service **Privacy Policy** Compliance Site Map

SparkFun Electronics ® / 6333 Dry Creek Parkway, Niwot, Colorado 80503

Questions? Feedback? powered by Olark live chat software