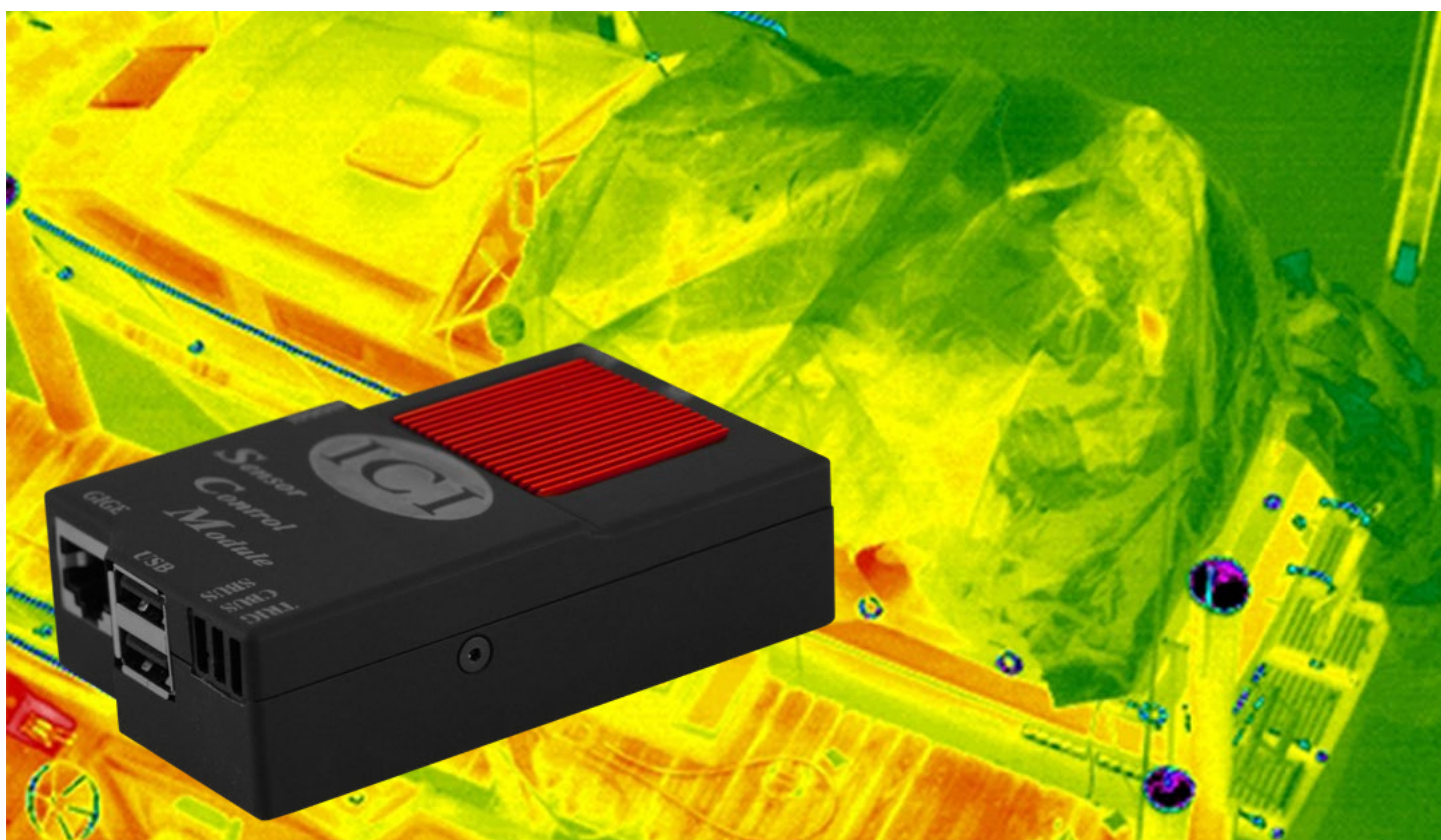
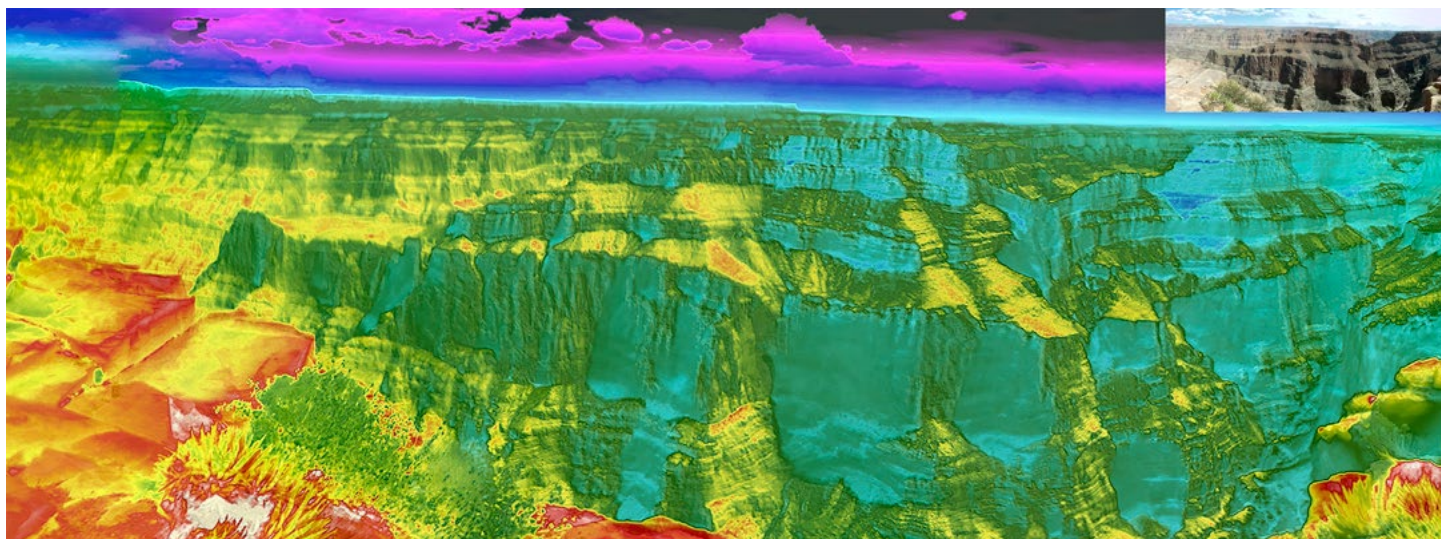


ICI | Sensor Control Module



Patent No. 9880552

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We are IR™

ICI | Sensor Control Module

The Sensor Control Module operates with our Mirage, 8320, 8640, 9320, 9640, SWIR 320, SWIR 640, and Visible cameras. The module provides a live camera feed, image capture capability, and more. Fully radiometric image captures offer exact temperature data for analysis and can be used to create detailed mosaics. The module is designed for use in various aerial applications including precision agriculture, industrial and electrical inspection, and more.



Specifications

- **Processor:** 1 GHz i.MX6 Dual core ARM Cortex-A9
- 3D GPU GC2000 OpenGL ES1.1, 2.0
- **RAM:** 1 GB
- Standard micro USB power connector
- **Video Output:** HDMI 1080p
- **Ethernet:** 10 / 100 / 1000 Mbps
- Powered 2xUSB 2.0 host ports
- **Battery:** DC 5V
- **mSATA connector:** 26 pin header compatible with the Raspberry Pi header
- **Micro SD interface:** (for OS image and user data)
- Linux OS
- **Storage:** 16 GB Micro SD
- **Operation Range:** 20 °C to 60 °C
- **Dimensions:** 95 x 60 x 28mm (L x W x H ± .5 mm)
- **Weight:** 161 g
- UBEC Power Interface Cable
- **Interface:** 5 or 7 Channel SBUS
- **GPS** from DJI NAZA, A2 and A3
- Aluminum Case
- Trigger Cable

Features

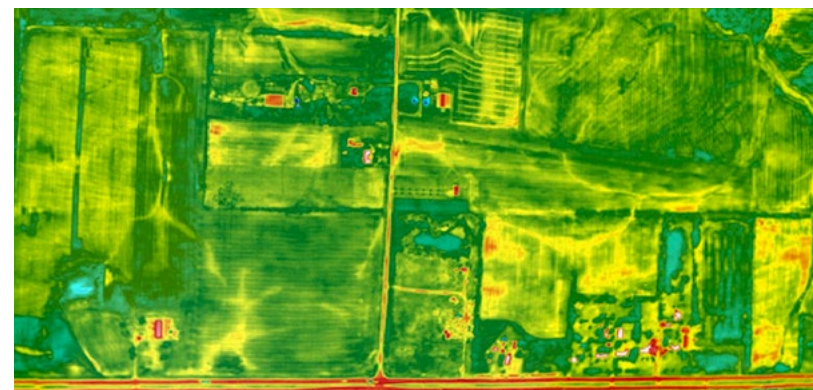
- Compatible with many ICI cameras
- Create detailed mosaics
- Infrared and Visible Toggle
- Hot Spot / Cold Spot Tracking
- Adjustable Level / Span
- CAN bus input for GPS Tagging
- Temperature Data Collection
- Multi-Sensor Imaging
- On-screen Menu and Settings Configurations
- High Capacity Image Storage
- Low Power (< 2 W)
- Light Weight
- Digital Zoom
- Toggle Palettes

Options & Accessories

- 8320 / 8640 P Series USB IR Cameras
- 9320 / 9640 P Series USB IR Cameras
- SWIR 128 P Series USB Camera
- SWIR 320 / SWIR 640 P Series USB Camera
- IC Mirage Series
- Visible or NIR Camera
- DC 5V UBEC Power Adapter
- SBUS Y Cable to A2E
- CAN bus cable

Applications

- Industrial / Pipeline Inspections
- Flare Inspection
- Bridge Pipeline Inspection
- Precision Agriculture
- Building / Roof Inspections
- Aerial Bridge Deck
- Highway Delamination Inspection
- Search and Rescue
- Wildlife Management
- Alternative / Solar Energy Inspections
- Optical Gas Imaging



Agricultural Mosaic Taken with an ICI 9640 Camera via Sensor Control Module

INTERFACE OPTIONS

