UAV CPU Module

The UAV CPU Module has been specifically designed to operate with our full line of 9000 series infrared cameras. It provides remote management of a 9320 or 9640 Infrared Camera, allowing for the collection of radiometric (temperature) data. This provides the images needed to create very highly detailed mosaics, offering exact temperature data for analysis. An additional visible or NIR camera can be incorporated into the system, along with a GPS module. While specifically designed to provide detailed data in the field of Precision Agriculture, this module has proven itself as a reliable means for collecting temperature data in many other applications.

**Features**
- Arm Processor
- 512MB Ram
- Linux Operating System
- Composite/HDMI Video Out
- Remote Triggers
- Fireproof Enclosure
- Small Size
- Light Weight
- Low Power

**Applications**
- Aerial Radiometric Imaging
- UAV/UAS Integration
- Robotics
- Building/Roof Inspections
- Search and Rescue
- Archeologic Mapping
- Precision Agriculture
- Industrial Inspection Systems
- Alternative Energy Inspections

**Options & Accessories**
- 9320/9640 IR Cameras
- ICI SWIR P USB Camera
- Visible or NOIR Camera
- GPS Module
- 5VDC UBEC Power Adapter
- Image Capture Trigger
- Camera Selection Trigger

**Specifications**
- 700 MHz ARM1176JZF-S core
- 2 watts Power Consumption
- -20°C to 60°C Oper. Range
- ABS Protective Case
- 66 Channel GPS -165 dBm
- 101x72x30 (HxWxD +/- .5mm)
- 115 Grams - with GPS Module

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