



**Vis/NIR**

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**We are IR™**

# ICI 5MP Vis/NIR

Designed as a companion camera for the 9000 series LWIR, the ICI 5MP VIS/NIR camera brings simultaneous capture capabilities in the Visible or Near Infrared Spectrum via the new Sensor Control Module. This small and light weight package is perfect for aerial platforms and robotics.

A full range of lenses with and without a 650 nanometer IR cut filter are available. The 5MP ICI VIS/NIR Series also operates on less than 1 watt of power, via a USB 2.0 connection, providing a real time data streamed directly to any desktop, laptop, tablet or embedded system.

## Features

- ICI 9000 Series Companion
- UAV/UAS Integration
- High Temp Enclosure
- USB 2.0 for Power & Data
- Real-time Data Acquisition
- Small Size
- Light Weight <1 Watt
- Low Power

## Applications

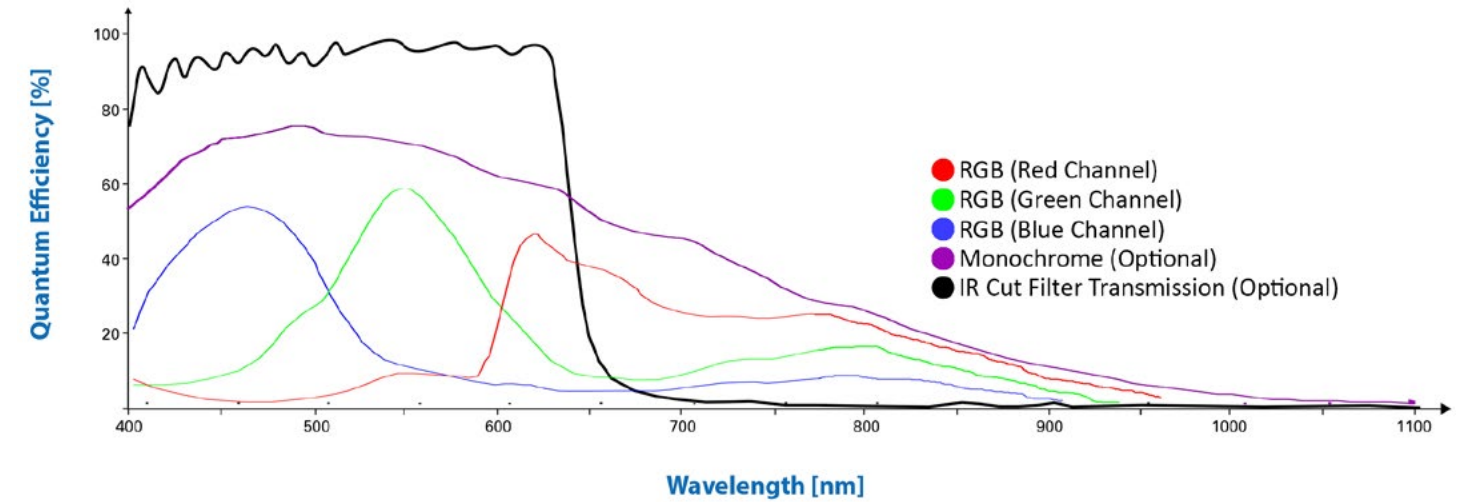
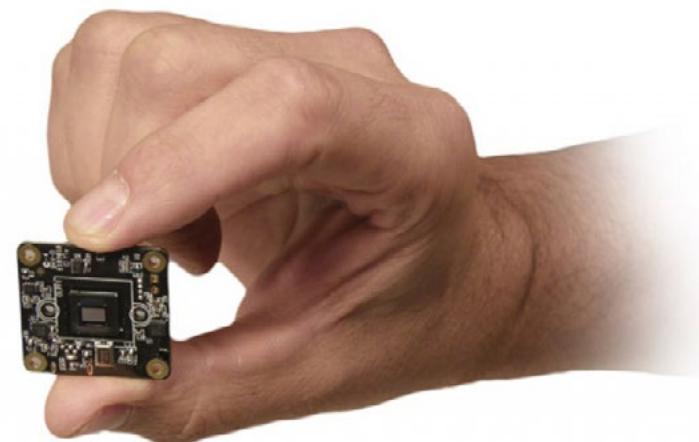
- UAV/UAS
- Robotics
- Industrial NIR Imaging
- Archeologic Survey
- Precision Agriculture
- NDVI Imaging
- Scientific Research

## Specifications

- **Detector Array:** CMOS
- **Pixel Resolution:** 2592x1944
- **Pixel Size:** 2.2µm x 2.2µm
- **Frame Rate:** 30Hz (@VGA)
- **Dynamic Range:** 8 bit
- IR Cut Filter On Lens
- Sensor Specification MT9031
- Format 1/2.5"
- Lens Mount M12X0.5
- Supply Voltage: 4.5 to 5.5 VDC
- Consumption: ~250 mA at 5 VDC
- Interface (mechanical)
- **Operation Range:** 5°C to 45°C
- **Storage Range:** 20°C to 60°C
- **Dimensions:**  
36mm x 36mm x 5mm  
(HxWxD +/- .5mm)
- **Weight:** 7 Grams
- **Humidity:** non-condensing  
Operation: 20%-80%  
Storage: 20%-95%
- Shutter Rolling
- USB 2.0 for Power & Data

## Lens & Software Options

- Sensor Control Module
- 2.8mm M12
- 3.6mm M12
- 4mm M12
- 6mm M12
- 8mm M12
- 8.4mm M12
- 9.6mm M12
- 12mm M12
- 16mm M12
- Windows SDK
- Linux SDK



With IR Cut Filter



Without IR Cut Filter

