



C-RED 2

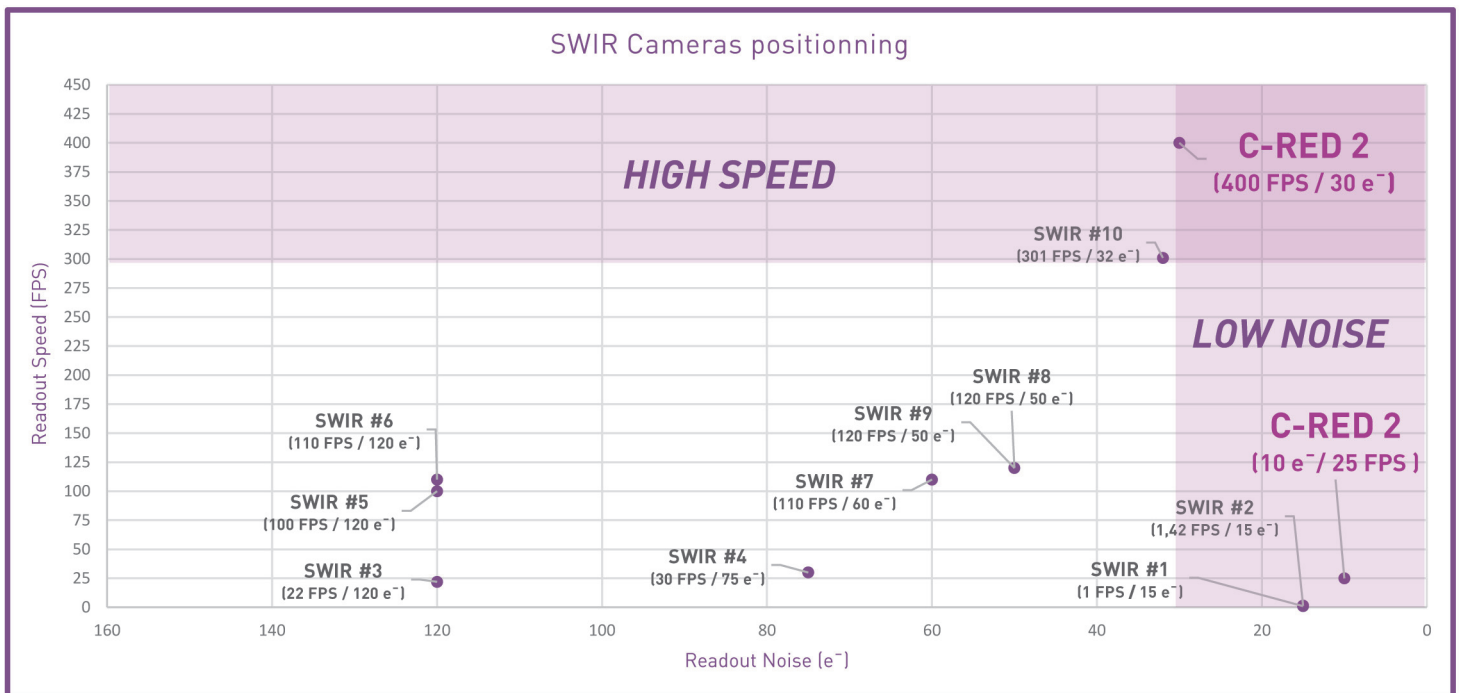
Provisional Data Sheet

October 2016

FAST LOW NOISE SWIR InGaAs CAMERA

MAIN FEATURES

- InGaAs 640 x 512 sensor
- 0.8 μm to 1.7 μm (70% QE)
- 15 μm pixel pitch
- Windowing and ROI
- Cooled sensor operation for low dark
- 14 bits digitization at all speed/readout modes
- 400 FPS Full Frame / 30 e^- Read Out Noise
- 10 e^- Read Out Noise / 25 FPS Full Frame
- Cooling : Air or Liquid (Ambiant)
- Size : L 140 mm x W 75 mm x H 55 mm
- Weight : 0.9 kg
- Cameralink full & USB3 datalink



AVAILABILITY January 2017, contact us for more information.

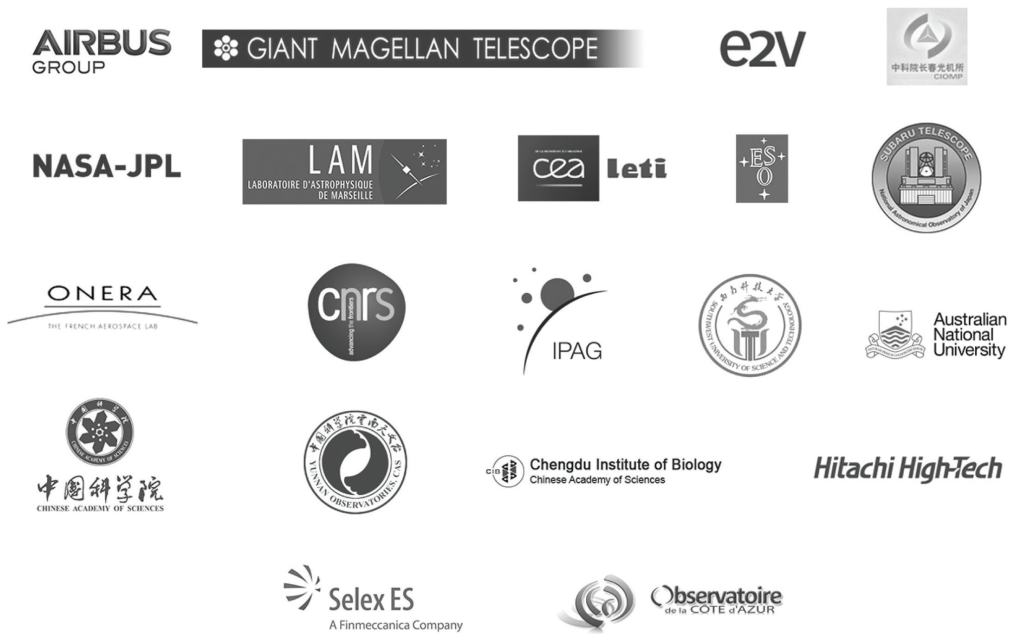
APPLICATIONS

- Adaptive Optics for Astronomy
- Astronomical Observations
- Hyper Spectral Imaging
- Spectroscopy
- Raman Spectroscopy
- Laser Communications
- Semiconductor Inspection
- Solar Cells Inspection
- OCT Imaging
- Bio Imagery
- Fluorescence Assisted Surgery



OUR CUSTOMERS AND PARTNERS

Today, world leading institutes and manufacturers on 4 continents have given us their trust, and we are proud to count among our partners and clients:



OUR COMPANY

First Light Imaging designs and manufactures state of the art scientific cameras that combine extreme sensitivity and high speed for both visible and infrared spectra. Coming from European academic research institutes, already multiple award-winning, First Light Imaging is recognized for the high performance of its products. We develop our cameras around cutting-edge sensors. EMCCD or e-APD, we integrate the most challenging, difficult to harness detectors in complex optics systems. Already at the heart of the Adaptive Optics systems for the world's biggest telescopes, our technology and detectors are also used in Medical Imagery, Defense, and Industry.



First Light Imaging SAS
 100 route des Houillères
 13590 Meyreuil
 FRANCE
 Tel.: + 33 4 42 61 29 20
www.first-light.fr
contact@first-light.fr

First Light Imaging Corp.
 2415 Third Street, Suite 231
 San Francisco, CA 94107
 USA
www.first-light.us

