

SpectroCam

The SpectroCam™ Multispectral Imaging (MSI) camera offers a cutting edge, flexible platform for MSI applications. Available with multiple sensor options and your choice of wide and narrow band pass filters, they are the perfect solution for a wide array of MSI applications. The SpectroCam™ cameras are available in full turn-key solutions. We can also customize the SpectroCam for integration into OEM products that utilise MSI.

Applications

- » Atmospheric and environmental imaging
- » Medical imaging systems for diagnostics
- » Medical imaging systems for surgery
- » Imaging systems for authentication of art work
- » Multispectral Imaging Fluorescence Microscopy
- » Drug discovery applications

Features

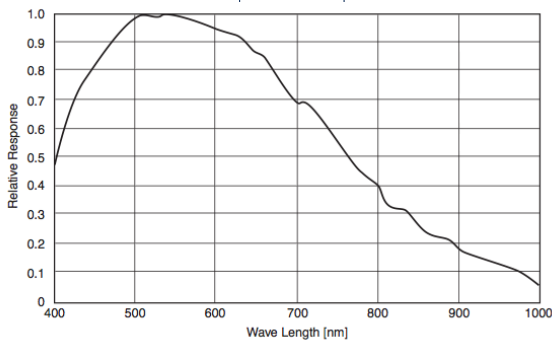
- » Customised sensor and camera options
- » Customised optical filter variety and quantity
- » Customised filter specifications, bandwidth and wavelength
- » Customised housing for mechanical and environmental requirements
- » Multiple camera interfaces / software packages
- » Proof of concept prototypes to high volume manufacturing

Specifications

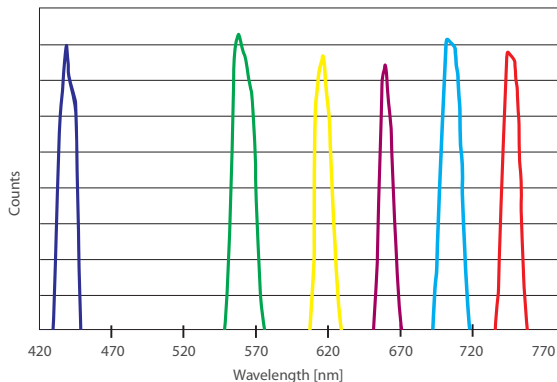
Standard unit specifications

- » Wideband CCD, sensitive from VIS to NIR
- » 1392 x 1040 resolution, 6.45 micron pixels
- » 30 fps at full resolution, continuous operation
- » Choice of up to 8 different wide or narrowband filters (standard choices shown)
- » Reconfigurable upon request
- » GIG-E interface, 8-12 bit output
- » On-board pre-processing functions for data off-loading
- » Standard Nikon™ F-Mount for a range of lens choices, focal lengths, FOV's
- » Compact size

CCD Spectral Response

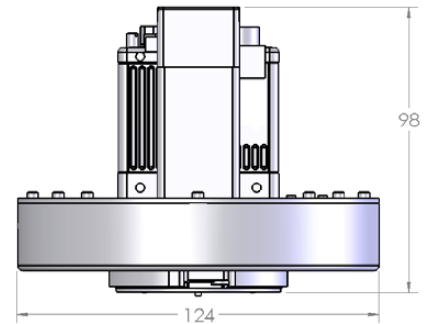


Custom Filters To Match Application Wavelengths

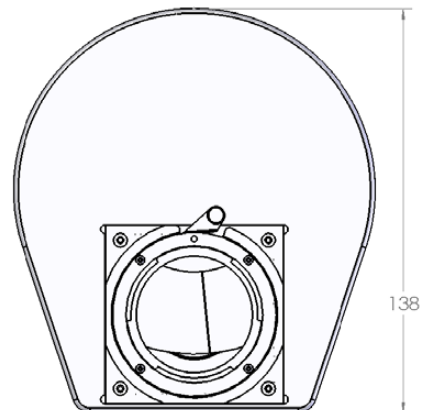


Camera Dimensions

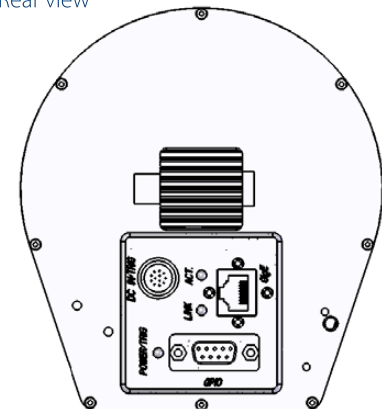
Top view



Front view



Rear view



Regional Headquarters

Maybachstrasse 11
73760 Ostfildern
Germany
T: +49 711 34 16 96-0
F: +49 711 34 16 96-85

Ocean Optics EMEA

Sales & Support Centre

Geograaf 24
6921 EW Duiven
The Netherlands
T: +31 26 3190500
F: +31 26 3190505

www.oceanoptics.eu

Local Sales Support

United Kingdom: +44 1865 263 180
Germany North: +49 513 697 467 05
Germany South: +49 711 341 696 0
France: +33 442 386 588

info@oceanoptics.eu