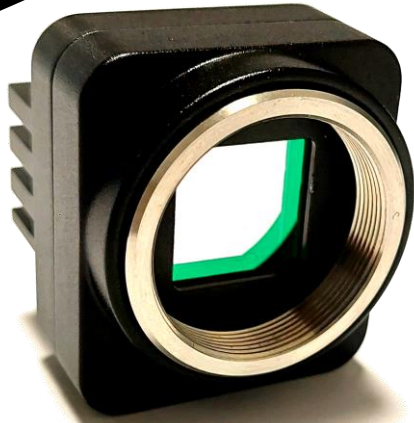
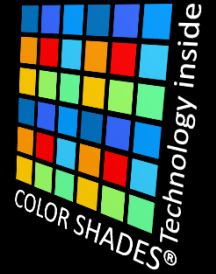


CICADA Camera (1.3MP)

Snapshot Multispectral Camera
for the SWIR range 1100-1600nm

SILIOS Technologies' CICADA Sensor and Camera are based on the *COLOR-SHADES*® pixelated filter technology.

This snapshot multispectral camera captures 9 spectral sub-images over the 1100-1600nm SWIR spectral range.



Snapshot Multispectral Camera
1100-1600nm Spectral Range
9 Spectral Bands
5 microns Pitch
1.3MP raw Spatial Resolution
USB 3.0



LARGE SPATIAL RESOLUTION
SNAPSHOT MULTISPECTRAL
CAMERA FOR YOUR
SWIR APPLICATIONS



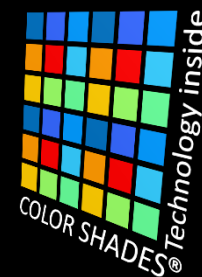
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www.silios.com

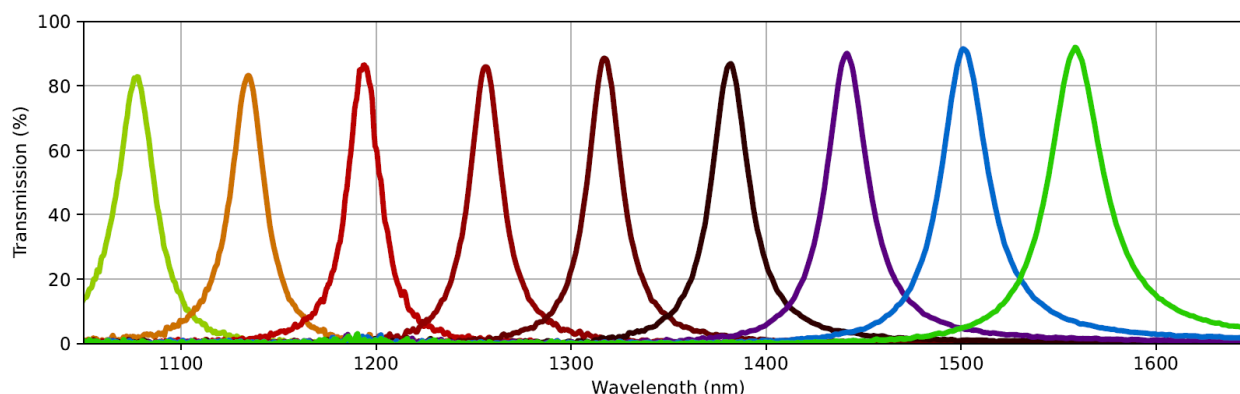


CICADA Camera (1.3MP)

Snapshot Multispectral Camera
for the SWIR range 1100-1600nm



	FEATURES
Wavelength range (nm)	1100-1600 nm
Number of Bands	9
Bandwidth (FWHM)	30 nm (average)
Imager Type	InGaAs
Pixel Pitch	5 μ m
Lens Mount	CS-mount / C-mount with supplied adaptation ring
Resolution (raw pictures)	1296x1032
Resolution (spectral pictures)	436x334
Frame Rate	Camera : 68 FPS (12 bits) / <i>COLOR SHADES Lab</i> : 68 FPS (12 bits)
Exposure time range	33 μ s to 10 s
ADC	12 bits
Interface (data & power supply)	USB3.0
Dimensions	34 x 38 x 35 mm ³
Weight	70 gr



CICADA Filter Transmission



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