

2/3",8mm,F1.4,C-mount,ViSWIR Singleband



Computar ViSWIR Lite Lenses

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- 1 + S\$1,153.⁰⁰

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SPECIFICATIONS

General

Model Number:
M0814-VSW

Imaging Lens Type:
Fixed Focal Length SWIR Lens

Physical & Mechanical Properties

Manual Iris	Iris Option:
28.20	Length (mm):
44.5	Maximum Diameter (mm):
32.00	Outer Diameter (mm):
62.6	Weight (g):
4.06	Maximum Rear Protrusion (mm):
28.2	Maximum Length (mm):

Optical Properties

56.3°	Horizontal Field of View @ Max Sensor Format:
42.5° (H6.4)	Horizontal Field of View, 1/2" Sensor:
21.9° (H3.2)	Horizontal Field of View, 1/4" Sensor:
11.00	Maximum Image Circle (mm):
400 - 1700	Wavelength Range (nm):
8.00	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
Horizontal: 56.3° Vertical: 43.7° Diagonal: 67.1°	FOV @ Max Sensor Format, H x V (mm):
f/1.4	Aperture (f/#):
13.1	Back Focal Length BFL (mm):
15.36	Entrance Pupil Position (mm):
19.47	Object Space Principal Plane (mm):
8.31	Image Space Principal Plane (mm):
-0.10	Maximum Distortion (%):
-57.7836	Exit Pupil Position (mm):
MS-SWR	Lens Wavelength Range:
MS, SWR	Wavelength:

Sensor

2/3"	Optimized Sensor Format:
2/3"	Maximum Sensor Format:
1.50	Resolution (Megapixels):

Threading & Mounting

M30.5 x 0.50	Filter Thread:
C-Mount	Mount:

Regulatory Compliance

View	Certificate of Conformance:
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- Outstanding Cost to Performance Ratio from the VS to SMR
- 1.5 MegaPixels, 1/2" or 2/3", C-Mount
- Focal Lengths Ranging from 5 - 50mm

Computar VISWR Lite Lenses are compact lenses that deliver outstanding cost-performance for single-wavelength lighting and narrow-band imaging. Utilizing a multilayer coating that absorbs specific wavelengths to minimize adverse lighting effects, these lenses ensure precise imaging is achieved. The broadband anti-reflection coating offers high and stable transmission across a wide wavelength range from 400nm to 1,700nm. Computar VISWR Lite Lenses are available in 1/2" and 2/3" sensor formats, an easily integratable C-mount design, and focal lengths that range from 5 to 50mm. These lenses are ideal for non-visible range imaging in applications across Agricultural, Medical, and Remote Sensing industries.
