

2/3",12mm,F1.4,C-mount,ViSWIR Singleband



Computar ViSWIR Lite Lenses

Stock **#74-616** NEW **1 In Stock**

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1

+

₹67,860

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General

Model Number:	
M1214-VSW	
Imaging Lens Type:	
Fixed Focal Length SWIR Lens	

Physical & Mechanical Properties

Iris Option:	
Manual Iris	
Length (mm):	
28.20	

44.5	Maximum Diameter (mm):
32.00	Outer Diameter (mm):
61.9	Weight (g):
4.08	Maximum Rear Protrusion (mm):
28.2	Maximum Length (mm):

Optical Properties

40.4°	Horizontal Field of View @ Max Sensor Format:
30.0° (H6.4)	Horizontal Field of View, 1/2" Sensor:
15.2° (H3.2)	Horizontal Field of View, 1/4" Sensor:
11.00	Maximum Image Circle (mm):
400 - 1700	Wavelength Range (nm):
12.00	Focal Length FL (mm):
150 - ∞	Working Distance (mm):
Horizontal: 40.4° Vertical: 30.8° Diagonal: 49.2°	FOV @ Max Sensor Format, H x V (mm):
f/1.4	Aperture (f/#):
13.1	Back Focal Length BFL (mm):
17.69	Entrance Pupil Position (mm):
24.71	Object Space Principal Plane (mm):
12.00	Image Space Principal Plane (mm):
-0.10	Maximum Distortion (%):
-72.5574	Exit Pupil Position (mm):
VIS-SWIR	Lens Wavelength Range:
VIS, SWIR	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:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Outstanding Cost to Performance Ratio from the VIS to SWIR
- 1.5 MegaPixels, 1/2" or 2/3", C-Mount
- Focal Lengths Ranging from 5 - 50mm

Computar ViSWIR 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 ViSWIR 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.