



ViSWIR Fixed Focal Length Lens Series

Created for the Latest Visible + SWIR Imaging Sensors

Engineered for the latest SWIR imaging sensor (IMX990/IMX991*).

ViSWIR
HYPER APO



8mm/12mm/16mm/25mm

Fully corrected focus shift in visible and SWIR range (400nm-1,700nm), the ViSWIR HYPER-APO Series uses ultra-low dispersion glass and low partial dispersion glass paired with superior design technology, the focus shift is minimized within a few micron mm at a super wide range of wavelengths. This makes for spectral imaging achievable with a single sensor camera by simply syncing the lighting.

With ViSWIR HYPER-APO, it is unnecessary to adjust focus for different wavelengths or to keep the resolution high from short to long working distances. By adopting an APO floating design*, the focus shift is reduced at any wavelength and any working distance. This function makes the series ideal for multiple applications, including machine vision, UAV, and remote sensing.

The ViSWIR HYPER-APO/Lite Series achieves a clear and precise image visible to the SWIR range by applying a multilayer coating to absorb the specific light. This multilayer coating on the metal lens elements makes it possible to minimize the negative lighting effects.

The broadband anti-reflection coating is applied on all ViSWIR lens elements, allowing high and stable transmission at a super-wide wavelength range: 400nm to 1,700nm.

The ViSWIR lens series delivers a high-quality image using the latest Visible + SWIR sensors. This high-performance lens is designed for non-visible range imaging allowing diverse applications into multiple markets, including Agriculture, Medical, Remote Sensing, etc.

ViSWIR
Lite



5mm/8mm/12mm/16mm/25mm/35mm/50mm



[computar.com/ViSWIR](https://www.computar.com/ViSWIR)