

SEE WHAT CANNOT BE SEEN.



Kowa Vis-SWIR-Corrected

12 MP

1"

3.1µm

NEW

HC-VIS-SW Vis-SWIR-Corrected Lens Series







1" (Ф16)
C-mount
12 MP (3.1μm)
F1.8 (50mm lens is F 2.5)
Visible-2000nm





Watch video

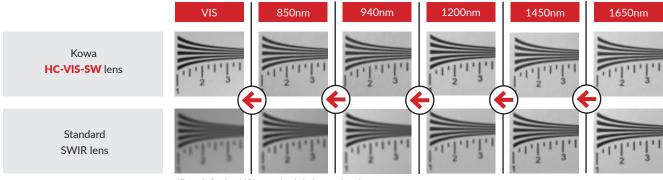
Technical data and

Technical data and marketing materials.

- > Virtually zero focus shift from visible to 2000nm wavelength range.
- Utilizes ultra wideband multi-coatings to increase transmission.
- **Special extra low dispersion (XD) glass** significantly reduces chromatic aberration, otherwise known as color fringing.
- Includes Kowa's signature **floating mechanism** design that eliminates optical aberrations from close distance to infinity.
- A maximum of **12** megapixel and 3.1µm performance can be found at select wavelength ranges.
- Low distortion.

NEW

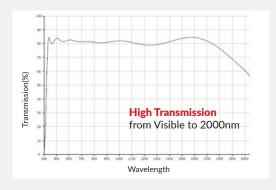
Virtually zero focus shift from Visible to SWIR

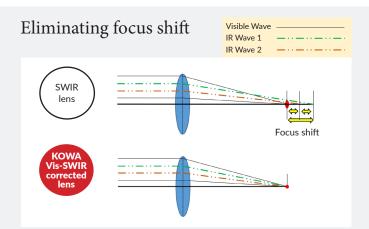


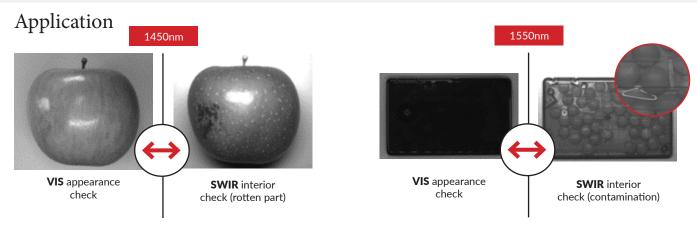
*Focus is fixed at 1650nm and switch the wavelength

The primary benefit for Vis-SWIR Correction is that it allows an image to remain in focus even when the wavelength changes from visible to infrared or vise versa. With a standard visible, NIR or SWIR lens, a focus shift will occur due to differences in the refractive index if the wavelength fluctuates. However, by incorporating extra low dispersion (XD) glass and carefully aligning all internal lens elements, such focus shift problems are eliminated.

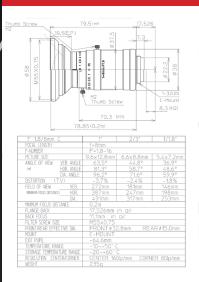
Kowa ultra wideband multi-coating



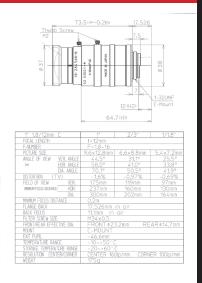




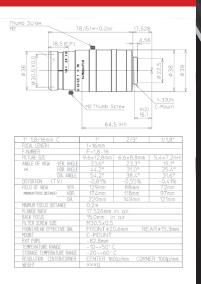
LM8HC-VIS-SW



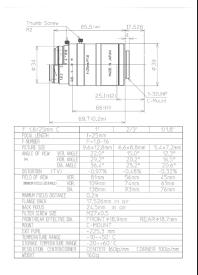
LM12HC-VIS-SW



LM16HC-VIS-SW



LM25HC-VIS-SW

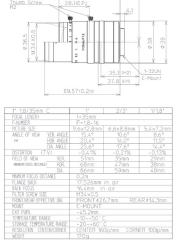


Kowa)

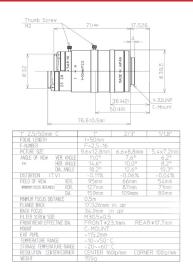
Quality of Light

56.42 (%)

LM35HC-VIS-SW



LM50HC-VIS-SW





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