

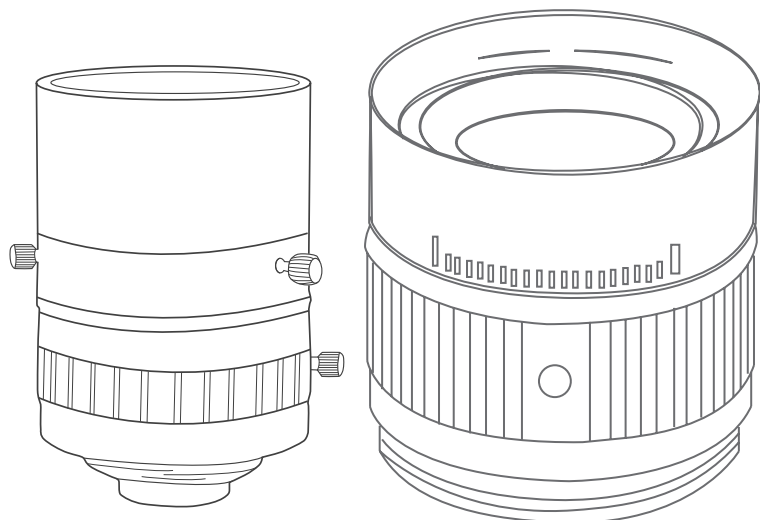
# MACHINE VISION

## SWIR LENSES / UV LENSES

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The special feature of SWIR lenses imaging is that it can extract image details in darker shadows and can penetrate window glass for imaging.

UV lenses can be used in many focusing, collimating or laser applications that work in the ultraviolet spectral range. They are optical lenses composed of single or multiple elements, designed to have the best performance when used in ultraviolet light. Many optical lenses that perform well under ultraviolet light may also have strong performance in the visible, near-infrared, or infrared spectrum.



*Subject to change without prior notice.  
For more information, please contact our sales representatives.*

# SWIR LENSES



## SWIR LENSES

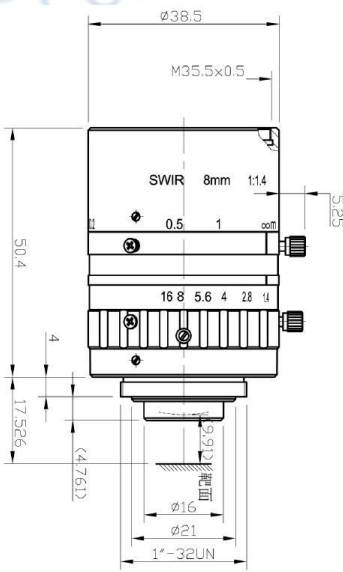
### FEATURES

1. High performance, high resolution
2. Safe and non-heat design, C Mount
3. High reliability and high tightness
4. Special infrared materials and coating design to ensure high transmittance in the infrared band

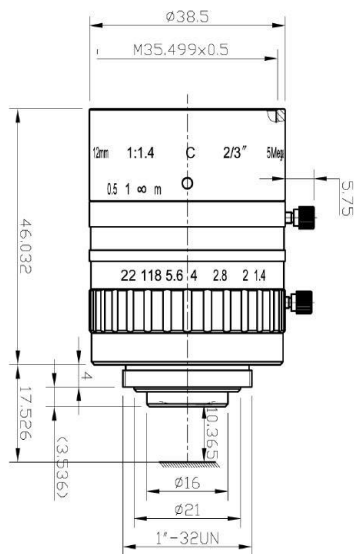
Part name	Focal Length	Iris Type (F/#)	Sensor Size	Back Focus	Mount	Resolution
LEM0814SWIR	8.5 mm	1.4	2/3"	9.91 mm	C-Mount	60lp/mm
LEM1214SWIR	12.5 mm	1.4	2/3"	10.4 mm	C-Mount	40lp/mm
LEM1614SWIR	16.3 mm	1.4	2/3"	10.27 mm	C-Mount	40lp/mm
LEM2514SWIR	25.9 mm	1.4	2/3"	9.98 mm	C-Mount	60lp/mm
LEM3514SWIR	35 mm	1.4	2/3"	13.09 mm	C-Mount	50lp/mm
LEM5020SWIR	50 mm	2.0	2/3"	9.78 mm	C-Mount	30lp/mm
LEM2518SWIR-H1	25 mm	1.8	1"	12.496 mm	C-Mount	5 MP
LEM3514SWIR-H1	35 mm	1.4	1"	11.1 mm	C-Mount	5 MP
LEM5014SWIR-H1	50 mm	1.4	1"	11.29 mm	C-Mount	5 MP

# DIMENSIONS

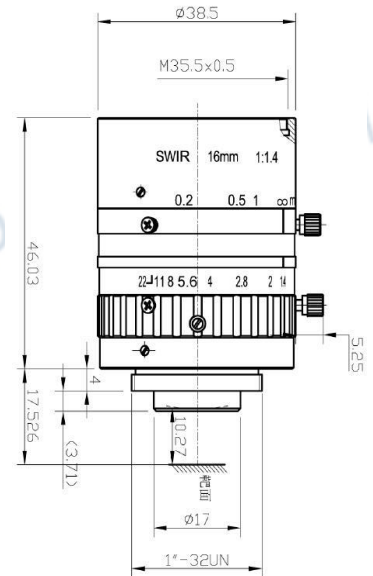
**LEM0814SWIR**



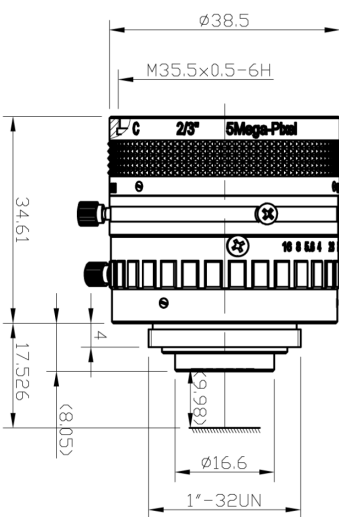
**LEM1214SWIR**



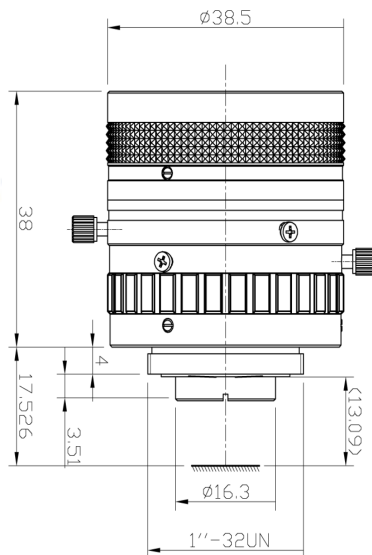
**LEM1614SWIR**



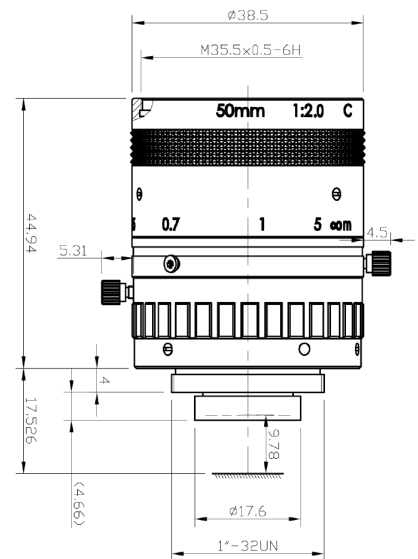
**LEM2514SWIR**



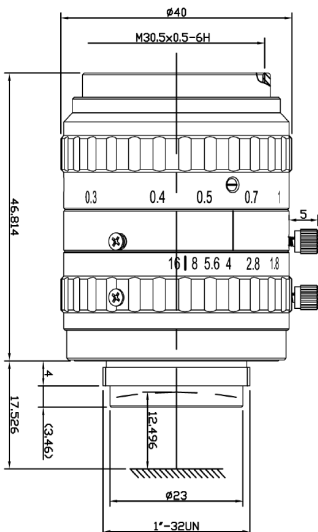
**LEM3514SWIR**



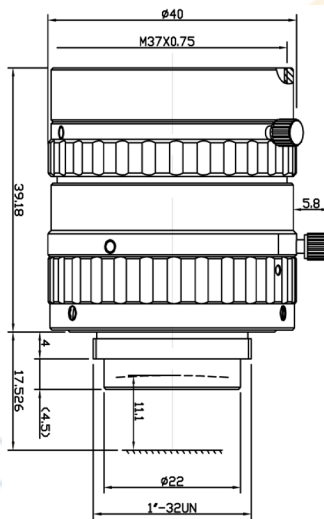
**LEM5020SWIR**



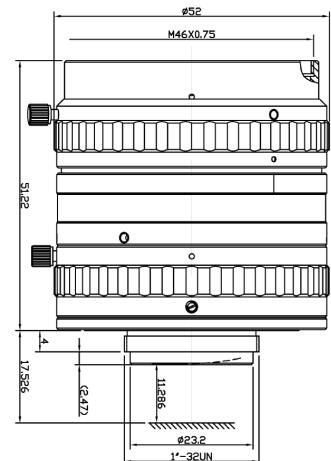
**LEM2518SWIR-H1**



**LEM3514SWIR-H1**



**LEM5014SWIR-H1**



## UV LENSES



## UV LENSES

### FEATURES

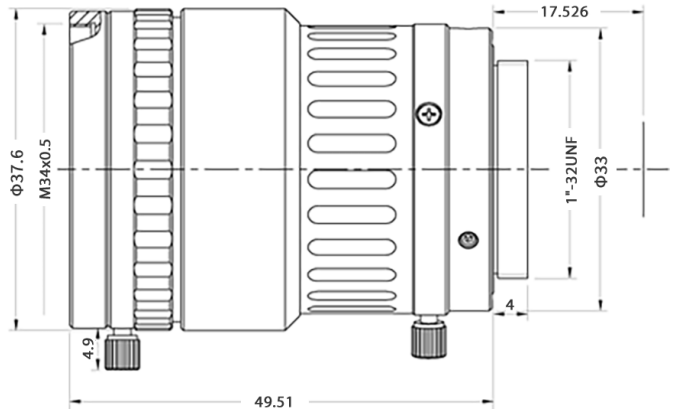
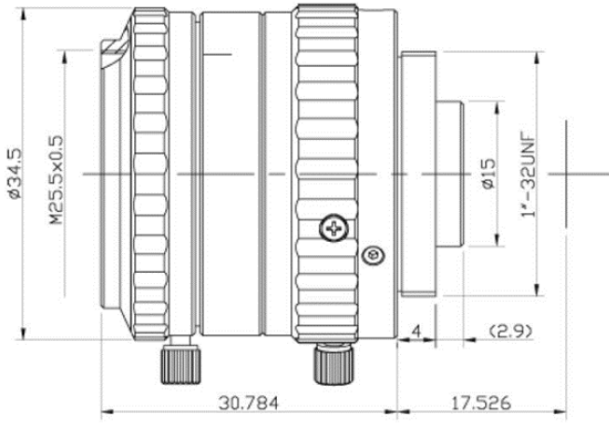
1. High performance, optional focal length
2. Effectively filter out ultraviolet rays
3. Improve the effect of clarity and color reproduction

Part name	Focal Length	Iris Type (F/#)	Sensor Size	Back Focus	Mount	Resolution
LHUV2528	25 mm	2.8	2/3"	12.45 mm	C-Mount	100lp/mm (2MP)
LHUV5030	50 mm	3.0	2/3"	26.55 mm	C-Mount	100lp/mm (2MP)
LHUV7538	75 mm	3.8	2/3"	47.32 mm	C-Mount	100lp/mm (2MP)
LHUV8528	85 mm	2.8	2/3"	43.34mm	C-Mount	100lp/mm (2MP)

# DIMENSIONS

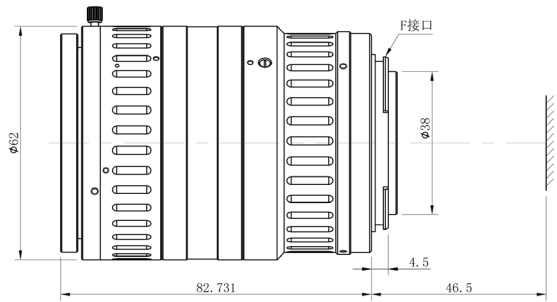
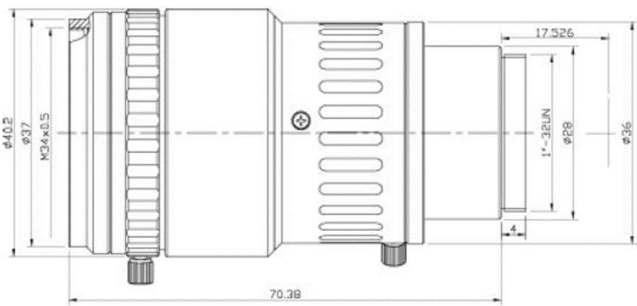
LEM2518SWIR-H1

LEM5014SWIR-H1



LEM2518SWIR-H1

LEM5014SWIR-H1



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Industrial Camera



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Industrial Lens



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No-programming Software



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