

Megapixel Camera Lens

User Manual

SLM-5M06

SLM-5M08

SLM-5M12

SLM-5M16

SLM-5M25

OPERATING INSTRUCTIONS

This lens is a fixed aperture lens that provides the aperture value for optimal lens performance. It is also a fixed focus lens that allows manual focus adjustment, providing sharp image quality even under various subject conditions at different distances. To receive the best possible results, read the instruction manual carefully before using the lens.



Hanwha Vision cares for the environment at all product manufacturing stages, and is taking measures to provide customers with more environmentally friendly products.

The Eco mark represents Hanwha Vision's devotion to creating environmentally friendly products, and indicates that the product satisfies the EU RoHS Directive.

CONTENTS

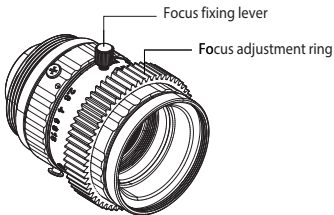
LENS	3
PART NAMES AND FUNCTION	3
IRIS	3
DIMENTION	4
SPECIFICATION	9

LENS

This lens is a fixed aperture lens. The focus can be manually adjusted depending on the distance to an object, and the focus can be fixed with the focus fixing lever.

This lens shows the best performance in the daytime environment.

PART NAMES AND FUNCTION



IRIS

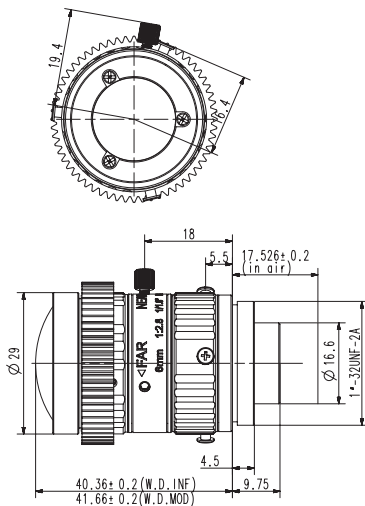
The aperture of this product is a fixed aperture.

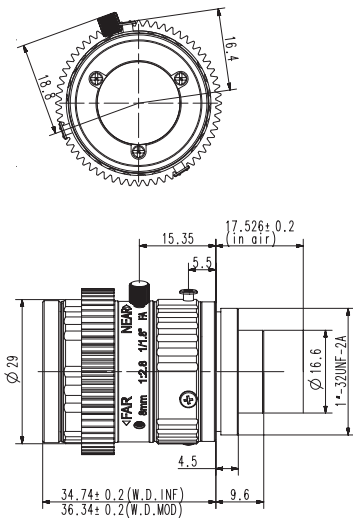
It mechanically remains open even when the product is powered off.

Dimension

<SLM-5M06>

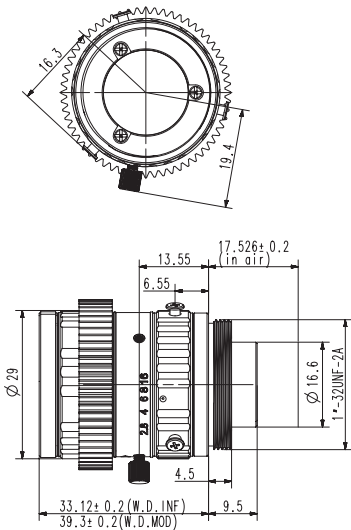
Unit : mm

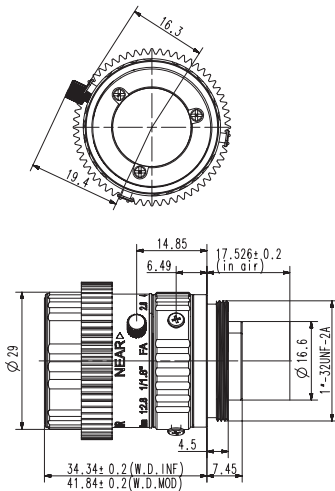




<SLM-5M16>

Unit : mm





SPECIFICATION

<SLM-5M06>

Model		SLM-5M06
Imager Size		1/3.1" ~ 1/1.8"
Focal Length		6.0mm(±5%)
Max. Resolution		3~5 Mega-Pixel
Max. Aperture Ratio		1:6.0
Max. Image circle		Ø9.4(MAX)
Operation	Iris	F/6.0
	Focus	Manual 0.1M ~ inf
	Zoom	6 mm fixed focus lens
Angle of View (1/3.1")	Diagonal	51.3°
	Horizontal	42.0°
	Vertical	32.1°
Angle of View (1/1.8")	Diagonal	72.2°
	Horizontal	58.4°
	Vertical	50.1°
Back Focal Length		9.97 mm ±0.2 (In Air)
Flange Back Length		17.526 mm ±0.2 (In Air)
Mount		C-mount
Dimensions (diameter X length)		29mm(Ø) X 51.41mm(L)
Operating Temperature		-20°C ~ +60°C
Weight		73.01g
IR Corrected		not support

<SLM-5M08>

Model		SLM-5M08
Imager Size		1/3.1" ~ 1/1.8"
Focal Length		8.0mm(±5%)
Max. Resolution		3~5 Mega-Pixel
Max. Aperture Ratio		1:6.0
Max. Image circle		Ø9.4(MAX)
Operation	Iris	F/6.0
	Focus	Manual 0.1M ~ inf
	Zoom	8 mm fixed focus lens
Angle of View (1/3.1")	Diagonal	39.6°
	Horizontal	32.1°
	Vertical	24.4°
Angle of View (1/1.8")	Diagonal	57.3°
	Horizontal	45.5°
	Vertical	38.7°
Back Focal Length		9.87mm ±0.2(In Air)
Flange Back Length		17.526 mm ±0.2 (In Air)
Mount		C-mount
Dimensions (diameter X length)		29mm(Ø) X 45.94mm(L)
Operating Temperature		-20°C ~ +60°C
Weight		61.38g
IR Corrected		not support

<SLM-5M12>

Model		SLM-5M12
Imager Size		1/3.1" ~ 1/1.8"
Focal Length		12.0mm(±5%)
Max. Resolution		3~5 Mega-Pixel
Max. Aperture Ratio		1:6.0
Max. Image circle		Ø9.4(MAX)
Operation	Iris	F/6.0
	Focus	Manual 0.1M ~ inf
	Zoom	12 mm fixed focus lens
Angle of View (1/3.1")	Diagonal	27.0°
	Horizontal	21.7°
	Vertical	16.4°
Angle of View (1/1.8")	Diagonal	40.0°
	Horizontal	31.2°
	Vertical	26.3°
Back Focal Length		11.51mm ±0.2(In Air)
Flange Back Length		17.526 mm ±0.2 (In Air)
Mount		C-mount
Dimensions (diameter X length)		29mm(Ø) X 46.11mm(L)
Operating Temperature		-20°C ~ +60°C
Weight		60.67g
IR Corrected		not support

<SLM-5M16>

Model		SLM-5M16
Imager Size		1/3.1" ~ 1/1.8"
Focal Length		16.0mm(±5%)
Max. Resolution		3~5 Mega-Pixel
Max. Aperture Ratio		1:6.0
Max. Image circle		Ø9.4(MAX)
Operation	Iris	F/6.0
	Focus	Manual 0.1M ~ inf
	Zoom	16 mm fixed focus lens
Angle of View (1/3.1")	Diagonal	20.4°
	Horizontal	16.4°
	Vertical	12.3°
Angle of View (1/1.8")	Diagonal	30.6°
	Horizontal	23.7°
	Vertical	19.9°
Back Focal Length		9.97 mm ±0.2 (In Air)
Flange Back Length		17.526 mm ±0.2 (In Air)
Mount		C-mount
Dimensions (diameter X length)		29mm(Ø) X 48.8mm(L)
Operating Temperature		-20°C ~ +60°C
Weight		53.73g
IR Corrected		not support

<SLM-5M25>

Model		SLM-5M25
Imager Size		1/3.1" ~ 1/1.8"
Focal Length		25.0mm(±5%)
Max. Resolution		3~5 Mega-Pixel
Max. Aperture Ratio		1:8.0
Max. Image circle		Ø9.4(MAX)
Operation	Iris	F/8.0
	Focus	Manual 0.1M ~ inf
	Zoom	25 mm fixed focus lens
Angle of View (1/3.1")	Diagonal	13.1°
	Horizontal	10.5°
	Vertical	7.9°
Angle of View (1/1.8")	Diagonal	19.8°
	Horizontal	15.3°
	Vertical	12.8°
Back Focal Length		12.07mm ±0.2(In Air)
Flange Back Length		17.526 mm ±0.2 (In Air)
Mount		C-mount
Dimensions (diameter X length)		29mm(Ø) X 49.29mm(L)
Operating Temperature		-20°C ~ +60°C
Weight		55.46g
IR Corrected		not support

한화비전(주)

경기도 성남시 분당구 판교로 319번길 6 (삼평동 701)

영 업 TEL 070-7147-8771~9 A/S 및 기술문의 1588-5772

부산영업소 TEL 051-796-3216

대구영업소 TEL 053-742-3098

광주영업소 TEL 062-941-9559

대전영업소 TEL 042-489-9840

www.HanwhaVision.com

Head Office

6, Pangyo-ro 319 beon-gil, Bundang-gu, Seongnam-si,

Gyeonggi-do, 463-400 Rep. of KOREA

Tel : +82.70.7147.8753 Fax : +82.31.8018.3740

www.HanwhaVision.com

Hanwha Vision America

500 Frank W. Burr Blvd. Suite 43 Teaneck, NJ 07666

Toll Free : +1.877.213.1222 Direct : +1.201.325.6920

Fax : +1.201.373.0124

www.HanwhaVisionAmerica.com

Hanwha Vision Europe

Heriot House, Heriot Road, Chertsey, Surrey, KT16 9DT, United Kingdom

Tel : +44.1372.235663 Fax : +44.1932.57.8101

www.HanwhaVision.eu

Hanwha Vision Middle East FZE

JAFZA View 18, 20th floor, office 2001, 2002, 2003, Downtown Jebel Ali,

Dubai, United Arab Emirates

www.HanwhaVision.com

Hanwha Vision Vietnam Hanoi Office

28th Floor, Handico Building, Pham Hung Street, Me Tri ward, Nam Tu Liem District,

Hanoi City, Vietnam

Tel : +84.91.982.40.88

www.HanwhaVision.com
