

iCentral

Machine Vision Lens Product Manual

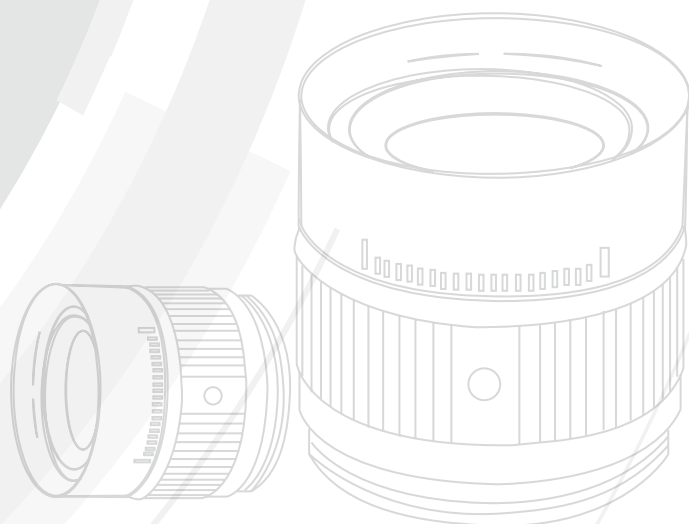


| About US

Hangzhou Contrastech Co., Ltd. was established in 2008, dedicated to professional machine vision and image technology. As leading manufacturer and provider of machine vision products in China, the major products include industrial camera, scientific standard camera, high definition frame grabber card, industrial FA lens, telecentric lens, machine vision lights and image processing software. All products comply with international quality standards and we have more than 20 years industry experience in the fields of machine vision image acquisition and processing, optical imaging and thousands of automation practice projects.

With advanced technology and creative power of image acquisition and processing, Contrastech products have been exported to almost 100 countries and regions, and in thousands of projects have won countless affirmations and reputations. Contrastech machine vision products are well-known as innovative, flexible, stable and easy to use, enabling reliable inspection in many applications.

This is Contrastech iCentral Lens series catalogue, launched for machine vision lenses with excellent performance and competitive price. Contrastech industrial lens range from megapixels to 100 million pixels, covering various sensor size, camera interfaces, and waveband ranges. The products include fixed focus, zoom, macro, telecentric lenses and 360-degree lenses, and etc. For more products datasheet, catalogue or any other requirements, feel free to contact us any time.



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Lens Overview

6 Mega Pixels 1/1.8 " Low Distortion Industrial Lens Overview

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Model	Focal Length [mm]	Image Size [mm]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]	FOV [°]	Distortion [%]	Mount
						1/1.8"	1/2"		
iLens0628MP6	6	9.5	2.4	2.8-16	100 - ∞	71.44×61.68×43.42	66.16×54.94×42.60	0.2	C
iLens0828MP6	8	9.5	2.4	2.8-16	100 - ∞	56.34×47.82×32.94	57.70×42.18×32.26	0.2	C
iLens1228MP6	12	9.5	2.4	2.8-16	100 - ∞	39.34×33.28×22.54	35.80×29.80×22.02	0.1	C
iLens1628MP6	16	9.5	2.4	2.8-16	100 - ∞	30.50×25.62×17.24	27.66×22.32×16.82	0.1	C
iLens2528MP6	25	9.5	2.4	2.8-16	100 - ∞	18.94×16.70×11.18	17.14×14.50×10.90	0.5	C
iLens3028MP6	30	9.5	2.4	2.8-16	200 - ∞	14.80×13.46×9.00	13.36×11.70×8.78	0.58	C
iLens3528MP6	35	9.5	2.4	2.8-16	200 - ∞	15.81×12.44×8.4	-	0.1	C
iLens4028MP6	40	9.5	2.4	2.8-16	250 - ∞	10.40×9.98×6.66	9.40×8.66×6.50	0.45	C
iLens5028MP6	50	9.5	2.4	2.8-16	200 - ∞	9.72×7.84×5.24	8.76×6.80×5.10	0.3	C

10 Mega Pixels 2/3 " Low Distortion Industrial Lens Overview

[Click to view drawings](#)

Model	Focal Length [mm]	Image Size [mm]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]		Distortion [%]	Mount
						2/3"	1/1.8"		
iLens0824MP10	8	11	2.4	2.4-16	100 - ∞	2/3"	68.3×57.5×44.9	1.2	C
						1/1.8"	57.86×49.38×34.08		
						1/2"	53.10×43.56×33.36		
iLens1220MP10	12	11	2.4	2.0-16	100 - ∞	2/3"	48.00×39.3×30	0.5	C
						1/1.8"	39.60×32.50×22.00		
						1/2"	35.98×28.38×21.48		
iLens1618MP10	16	11	2.4	1.8-16	100 - ∞	2/3"	36.8×22.6×29.8	0.2	C
						1/1.8"	30.06×23.88×16.04		
						1/2"	27.24×20.78×15.66		
iLens2518MP10	25	11	2.4	1.8-16	150 - ∞	2/3"	22.78×15.86×11.94	0.15	C
						1/1.8"	18.46×13.34×8.92		
						1/2"	16.68×11.60×8.70		
iLens3520MP10	35	11	2.4	2.0-16	200 - ∞	2/3"	20.50×15.66×13.57	0.1	C
						1/1.8"	18.76×13.28×13.28		
						1/2"	17.22×13.76×10.34		
iLens5028MP10	50	11	2.4	2.8-16	300 - ∞	2/3"	10.80×7.78×5.84	0.1	C
						1/1.8"	8.72×6.52×4.36		
						1/2"	7.88×5.66×4.24		



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Lens Overview

25 Mega Pixels 1.2 " Low Distortion Industrial Lens Overview

[Click to view drawings](#)

Model	Focal Length [mm]	Image Size [mm]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]	Distortion [%]	Mount
iLens1224MP25	12	19.3	2.74	2.4-16	100 - ∞	1.2" 76.12×62.33×55.33	0.12	C
						1.1" 71.6×54.5×54.5		
						1.0" 71.08×56.2×43.6		
iLens1624MP25	16	19.3	2.74	2.4-16	100 - ∞	1.2" 61.36×48.83×42.86	0.53	C
						1.1" 57.24×42.12×42.12		
						1.0" 53.04×43.46×33.24		
iLens2524MP25	25	19.3	2.74	2.4-16	150 - ∞	1.2" 41.19×31.42×27.32	0.32	C
						1.1" 38.32×27.58×27.58		
						1.0" 35.3×28.52×21.58		
iLens3524MP25	35	19.3	2.74	2.4-16	150 - ∞	1.2" 29.33×22.51×19.53	0.06	C
						1.1" 26.76×19.1×19.1		
						1.0" 24.54×19.76×14.9		
iLens5024MP25	50	19.3	2.74	2.4-16	250 - ∞	1.2" 20.50×15.66×13.57	0.055	C
						1.1" 18.76×13.28×13.28		
						1.0" 17.22×13.76×10.34		

12 Mega Pixels 1/1.7 " Anti-Shock Industrial Lens Overview

[Click to view drawings](#)

Model	Focal Length [mm]	Image Size [mm]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]	Distortion [%]	Mount
						1/1.7"		
iLens0856MP12-AS	8	9.3	1/1.7"	5.6	50	60.32×49.31×37.98	-0.96	C/CS
iLens1256MP12-AS	12	9.3	1/1.7"	5.6	60	40.28×33.16×22.44	-1.37	C/CS
iLens1656MP12-AS	16	9.3	1/1.7"	5.6	50	30.22×20.36×13.64	-0.8	C/CS
iLens2556MP12-AS	25	9.3	1/1.7"	5.6	100	18.96×11.94×7.98	0.32	C/CS

10 Mega Pixels 2/3 " Anti-Shock Industrial Lens Overview

[Click to view drawings](#)

Model	Focal Length [mm]	Image Size [mm]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]	Distortion [%]	Mount
						2/3"		
iLens0856MP10-AS	8	11	2.4	5.6	100 - ∞	44.9×57.5×68.3	0.3	C
iLens1256MP10-AS	12	11	2.4	5.6	100 - ∞	30×39.3×48	0.17	C
iLens1656MP10-AS	16	11	2.4	5.6	100 - ∞	22.6×29.8×36.8	0.07	C
iLens2556MP10-AS	25	11	2.4	5.6	150 - ∞	13.8×18.3×22.8	0.04	C
iLens3056MP10-AS	30	11	2.4	5.6	200 - ∞	9.7×12.9×16	0.018	C
iLens5056MP10-AS	50	11	2.4	5.6	300 - ∞	6.5×8.7×10.8	0.007	C



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Lens Overview

10 Mega Pixels 2/3 " Varifocal Industrial Lens Overview

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Model	Sensor	Pixel Size [μm]	WD [mm]	Focal Length [mm]	F-Number [F/#]	FOV [°]	Distortion [%]	Mount
						1/1.7"		
iLens1635MP10	2/3"	2.4	169 - ∞	16	3.5	37.50×27.07×27.07	1	C
				25	4.5	23.26×16.61×16.61	0.12	
				35	5.6	16.52×11.76×11.76	0.03	

20 Mega Pixels 1.1 " Industrial Lens Overview

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Model	Focal Length [mm]	Image Size [mm]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]	Distortion [%]	Mount
iLens1224MP20	12±5%	1.1"	2.74	2.4-16	100 - ∞	71.14×60.75×46.52	-0.75	C
iLens1624MP20	16±5%	1.1"	2.74	2.4-16	100 - ∞	57.03×47.47×35.66	-0.71	C
iLens2524MP20	25±5%	1.1"	2.74	2.4-16	150 - ∞	37.31×30.47×22.53	-0.33	C
iLens3524MP20	35±5%	1.1"	2.74	2.4-16	150 - ∞	26.86×21.82×16.06	0.05	C
iLens5024MP20	50±5%	1.1"	2.74	2.4-16	250 - ∞	18.74×15.18×11.14	0.051	C

100 Mega Pixels High-Definition Machine Vision Lens Overview

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Model	Focal Length [mm]	Image Size [mm]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]	Distortion [%]	Mount
iLens3528MP100	35	46	3.1	2.8-16	100 - ∞	64.04×54.52×37.74	1	F
iLens5028MP100	50	46	3.1	2.8-22	150 - ∞	45.23×38.12×25.83	1	F
iLens8035MP100	80	46	3.1	3.5-22	250 - ∞	27.6×22.43×15.10	0.12	F

4K Series Line Scanning Lens Overview

[Click to view drawings](#)

Model	Focal Length [mm]	Sensor	Mag. [x]	Pixel Size [μm]	F-Number [F/#]	WD [mm]	FOV [°]	Distortion [%]	Mount
							5400×3		
iLens-5428-0.095X-A	54.3	5400×3	0.095	5.25	2.8	300 - ∞	28.12 × 28.12	0.54	4×M3
iLens-5428-0.095X-B	54.3	5400×3	0.095	5.25	2.8	300 - ∞	28.12 × 28.12	0.54	M42×P1
iLens-5440-0.095X	54.3	5400×3	0.095	5.25	4.0	300 - ∞	28.12 × 28.12	0.54	M42×P1

16K / 8K Series Line Scanning Lens Overview

[Click to view drawings](#)

Model	Focal Length [mm]	Resolution	Pixel Size [μm]	F-Number [F/#]	WD [mm]	Best Mag. [x]	Mag. [x]	WD [mm]	FOV [°]	Distortion [%]	Mount
iLens16KP-0.17X	60	16K	3.5	4-32	169 - ∞	0.17X	0.04X	1565.9	50.68	0.48	V38
							0.17X	406.72	45.66	0.36	
							0.33X	232.39	40.87	0.23	
							0.50X	168.63	36.89	0.13	
iLens8KP-0.17X	60	8K	7.0	4-32	169 - ∞	0.17X	0.04X	1565.9	50.68	0.48	V38
							0.17X	406.72	45.66	0.36	
							0.33X	232.39	40.87	0.23	
							0.50X	168.63	36.89	0.13	

6 Mega Pixels 1/1.8 " Low Distortion Industrial Lens

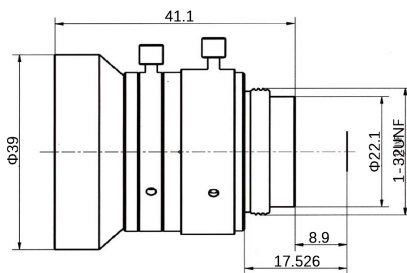
600 万像素 1/1.8" 低畸变工业镜头

- 6 mega pixels resolution to meet high-definition shooting requirements
- Adapt to mainstream 1/1.8 "camera, with focus section covering 6-50mm
- Ultra low dispersion, restrain color deviation, and ensure color uniformity of the picture
- Effective distortion control, real restoration of the subject
- Large depth of field design ensures sufficient shooting range
- Professional process control and process management to ensure high consistency of product quality
- Continuous optimization of performance and cost to ensure high cost performance

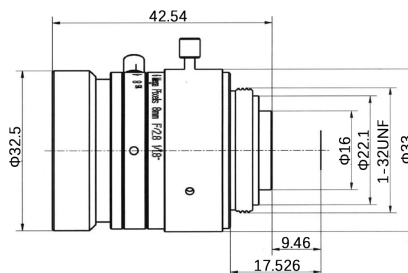


Dimension

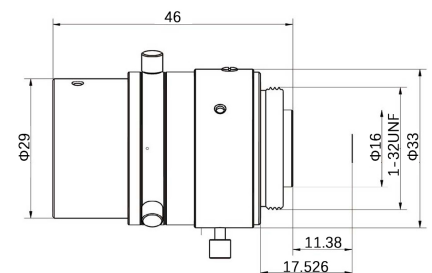
iLens0628MP6



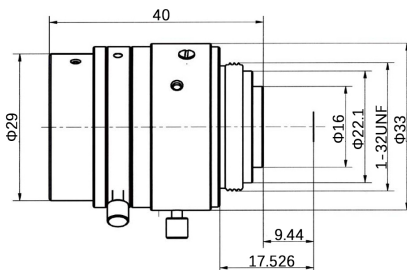
iLens0828MP6



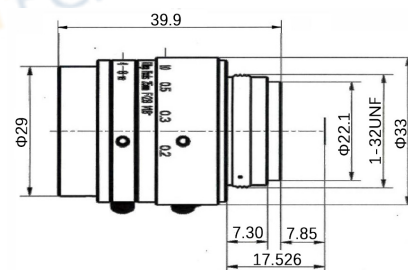
iLens1228MP6



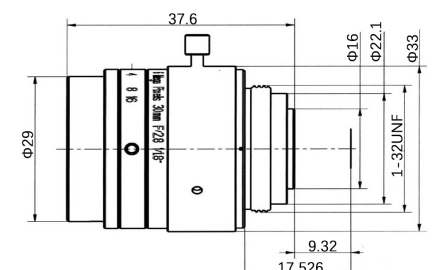
iLens1628MP6



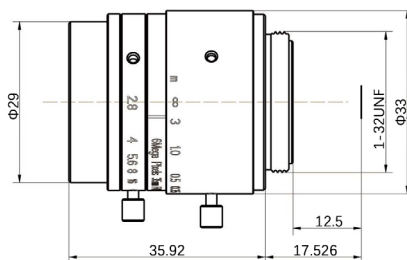
iLens2528MP6



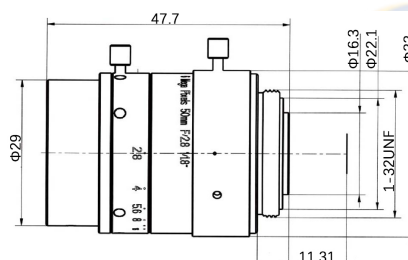
iLens3028MP6



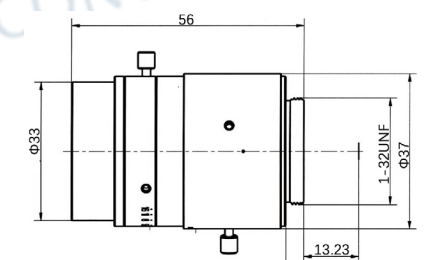
iLens3528MP6



iLens4028MP6



iLens5028MP6



10 Mega Pixels 2/3 " Low Distortion Industrial Lens

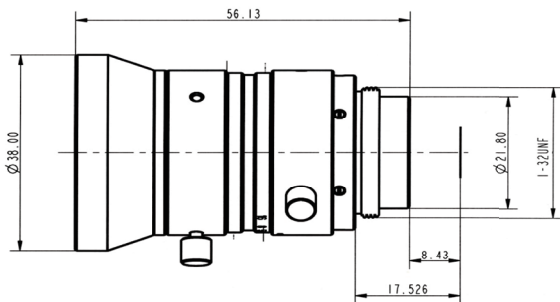
1000 万像素 2/3" 低畸变工业镜头

- 10 mega pixels resolution to meet high-definition shooting needs
- Adapt to mainstream 2/3 " camera, with focus section covering 8-50mm
- Ultra low dispersion, restrain color deviation, and ensure color uniformity of the picture
- Effective distortion control, real restoration of the subject
- Large depth of field design ensures sufficient shooting range
- Professional process control and process management to ensure high consistency of product quality
- Continuous optimization of performance and cost to ensure high cost performance

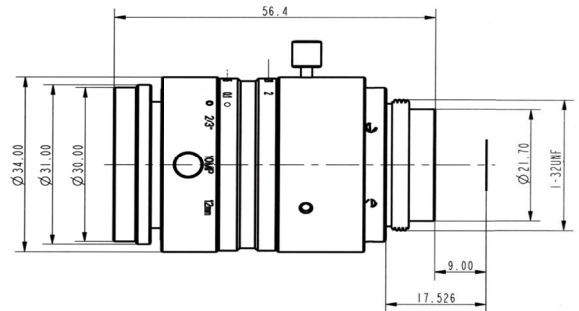


■ Dimension

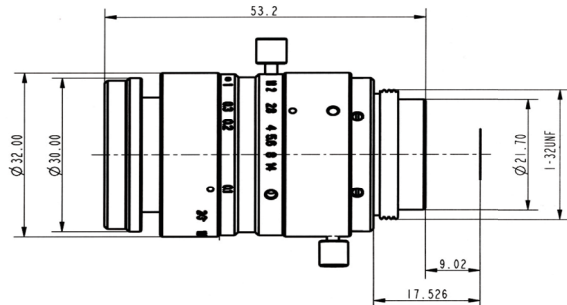
iLens0824MP10



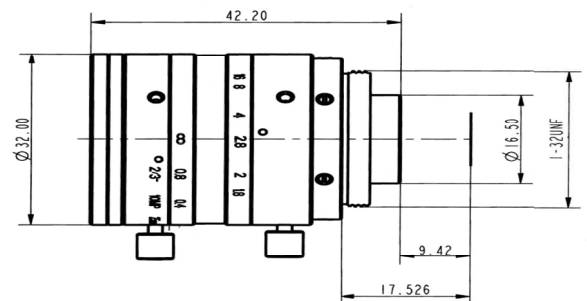
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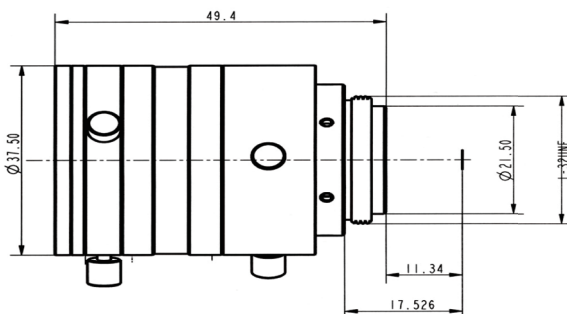
iLens1618MP10



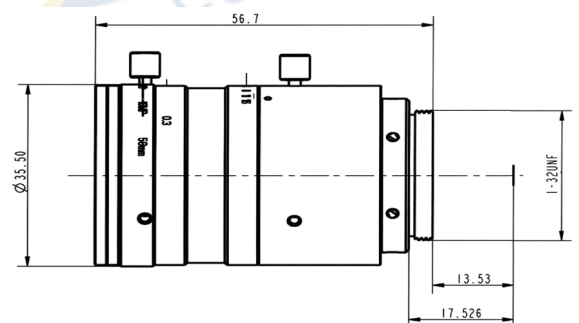
iLens2518MP10



iLens3520MP10



iLens5028MP10



25 Mega Pixels 1.2 " Low Distortion Industrial Lens

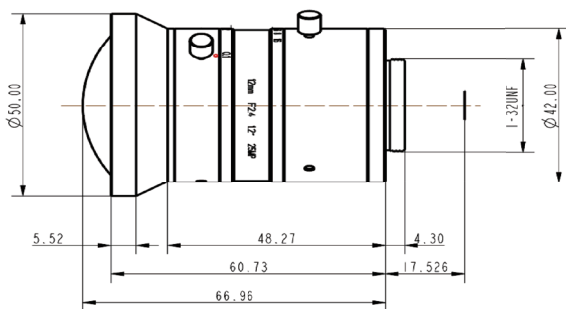
2500 万像素 1.2" 低畸变工业镜头

- High resolution of 25 mega pixels, excellent MTF performance, to meet high-definition shooting needs.
- Compatible with 1 ", 1.1 ", 1.2 " sensors, and the focal section covers 12-50mm
- Ultra low dispersion to achieve excellent picture clarity and uniformity
- Excellent resolution and depth of field balance
- Large depth of field design ensures sufficient shooting range

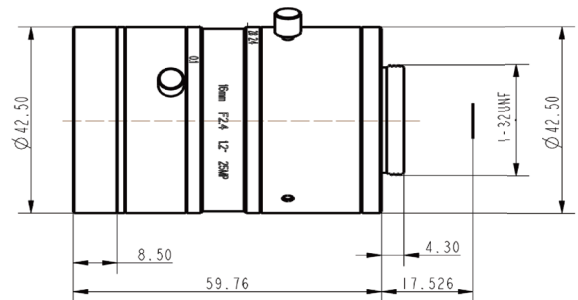


Dimension

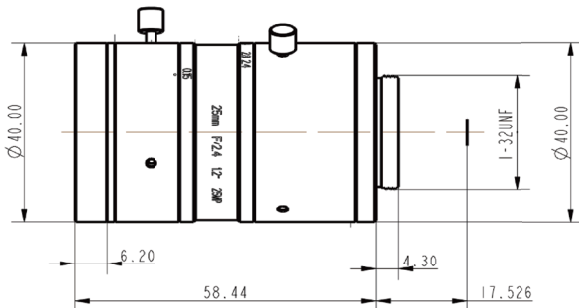
iLens1224MP25



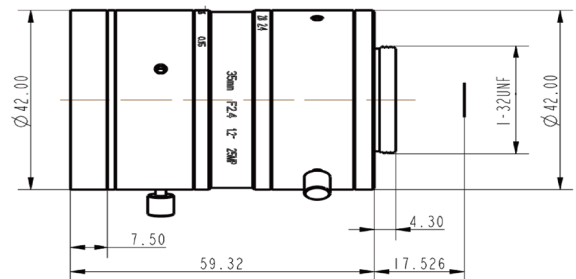
iLens1624MP25



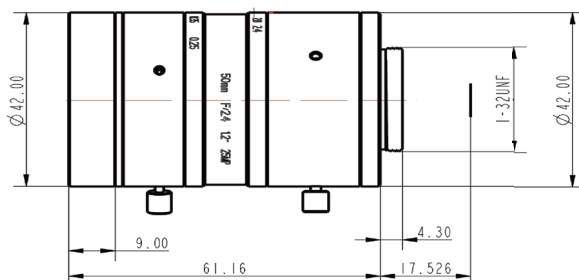
iLens2524MP25



iLens3524MP25



iLens5024MP25



12 Mega Pixels 1/1.7 " Anti-Shock Industrial Lens

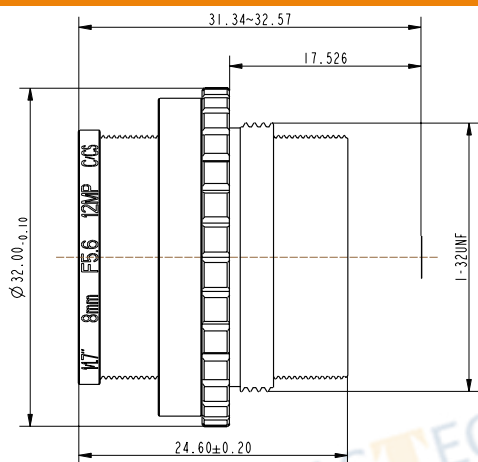
1200 万像素 1/1.7" 抗震系列工业镜头

- 12 mega pixels resolution to meet high-definition shooting requirements
- Adapt to mainstream 1/1.7 "camera, with focal sections of 8-25mm
- Special anti-seismic structure design, suitable for complex shooting environment;
- Effective distortion control, real restoration of the subject
- Large depth of field design ensures sufficient shooting range
- Continuous optimization of performance and cost to ensure high cost performance

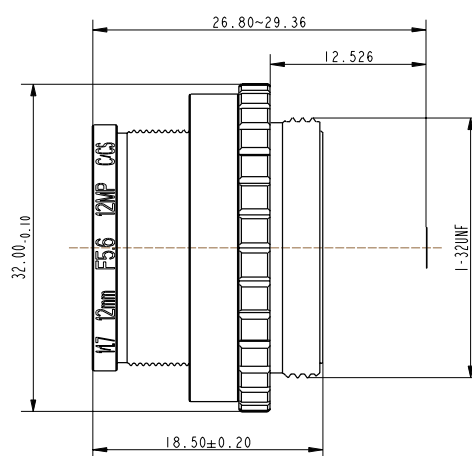


■ Dimension (Note: The drawing only differs from the rear focus)

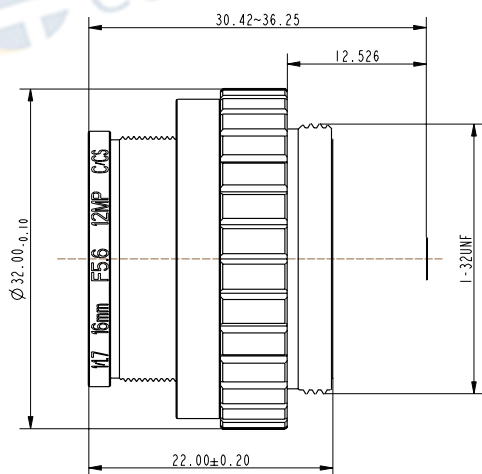
iLens0856MP12-AS



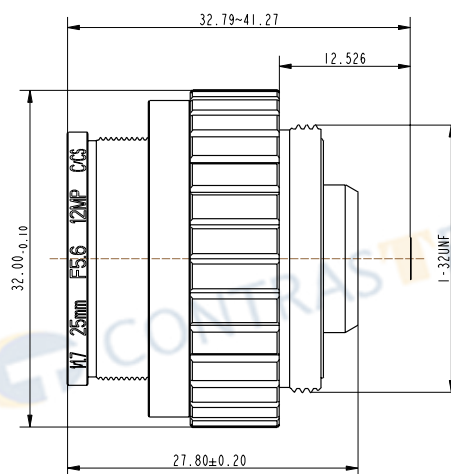
iLens1256MP12-AS



iLens1656MP12-AS



iLens2556MP12-AS



10 Mega Pixels 2/3 " Anti-Shock Industrial Lens

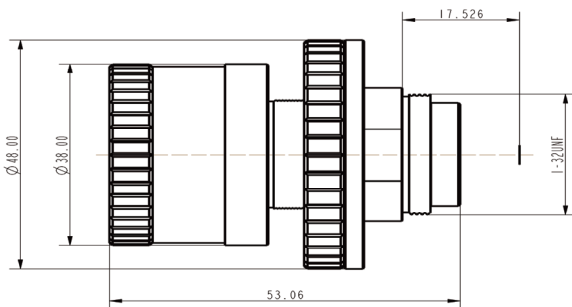
1000 万像素 2/3" 抗震系列工业镜头

- 10 mega pixel resolution to meet high-definition shooting requirements
- Adapt to mainstream 2/3 " camera, with focus section covering 8-50mm
- Special anti-seismic structure design, suitable for complex shooting environment
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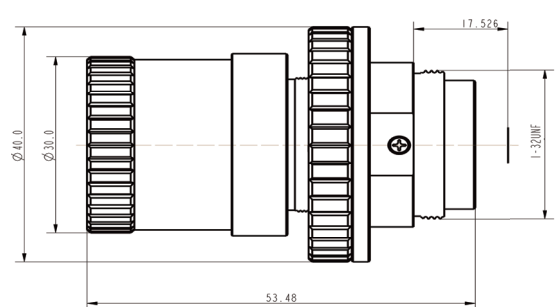


■ Dimension

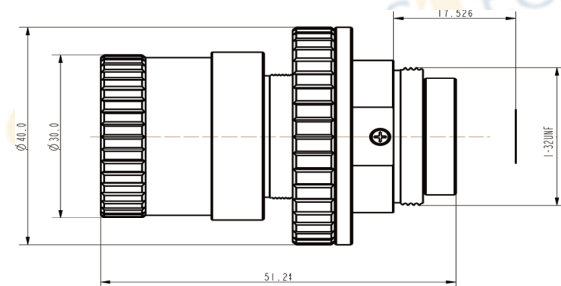
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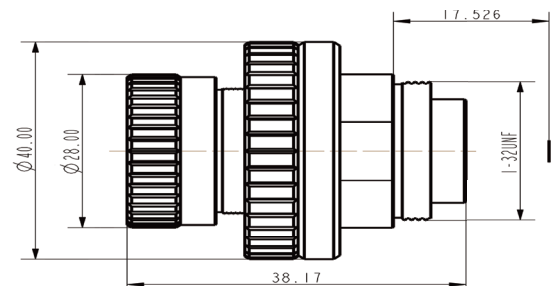
iLens1256MP10-AS



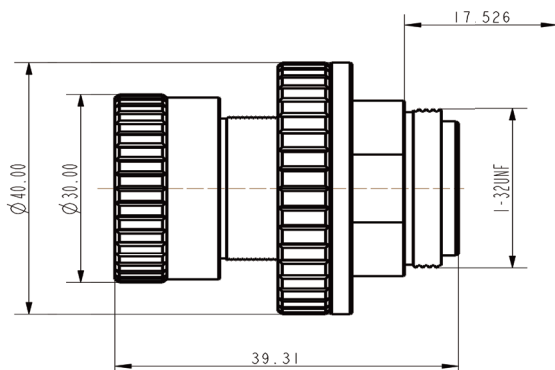
iLens1656MP10-AS



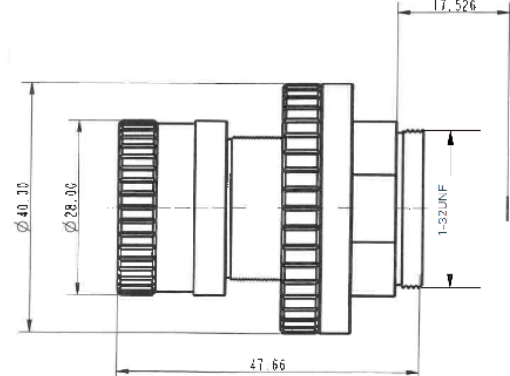
iLens2556MP10-AS



iLens3056MP10-AS



iLens5056MP10-AS



Lens

iLens1635MP10



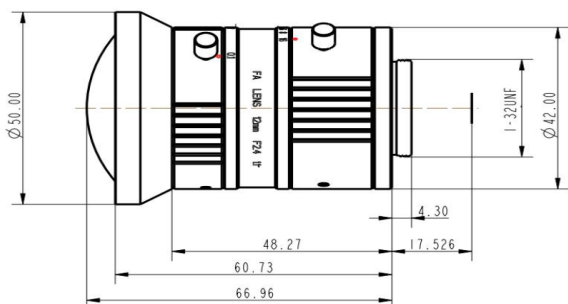
20 Mega Pixels 1.1 " Industrial Lens

2000 万像素 1.1" 工业镜头

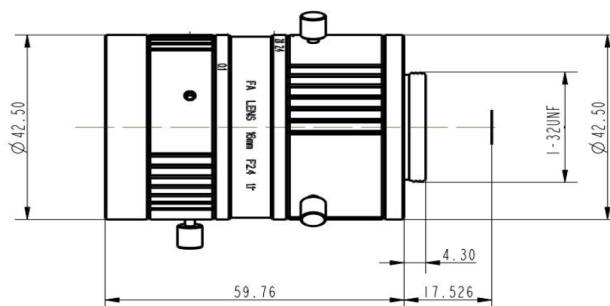


■ Dimension

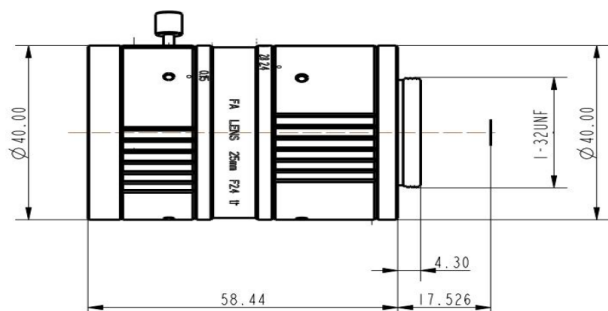
iLens1224MP20



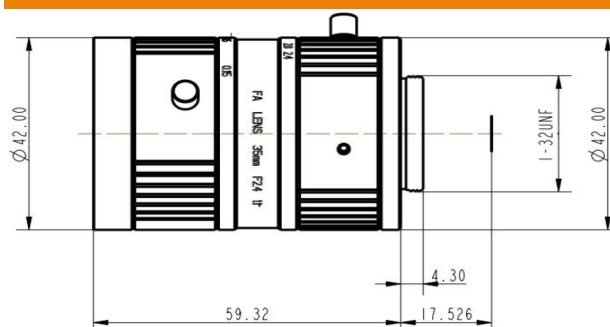
iLens1624MP20



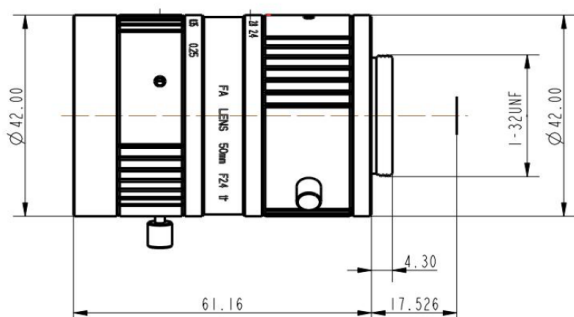
iLens2524MP20



iLens3524MP20



iLens5024MP20



100 Mega Pixels High-Definition Machine Vision Lens

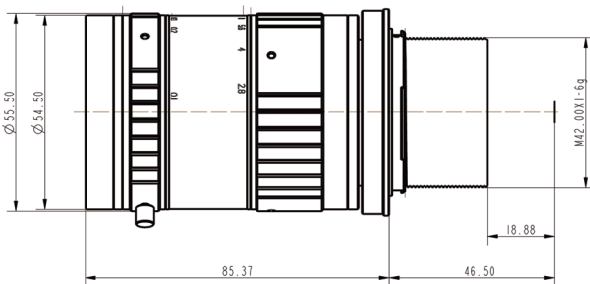
1 亿像素大靶面高清机器视觉镜头

- 100 mega pixels ultra-high resolution, applicable to all kinds of high-resolution cameras and 5μ 8K line scan camera
- Suitable for $\varnothing$ 46mm large target camera with focal lengths of 35mm, 50mm and 80mm.
- Support V port/F port and can also convert various interfaces by itself, which can be used after adjusting the back focus of various cameras
- Suitable for display panel, lithium battery, printing, solar energy and other industries, especially for product defect detection, and also for SLR cameras

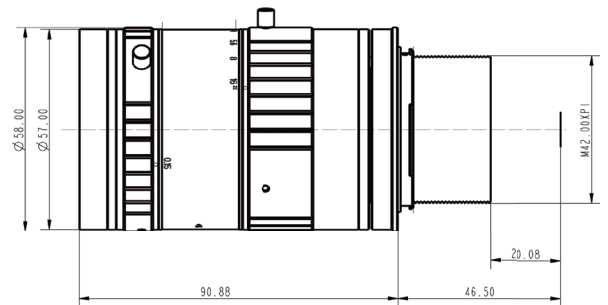


■ Dimension

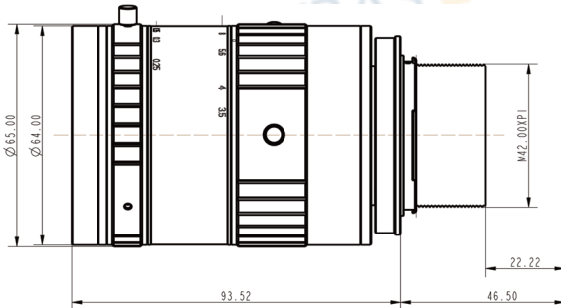
iLens3528MP100



iLens5028MP100



iLens8035MP100



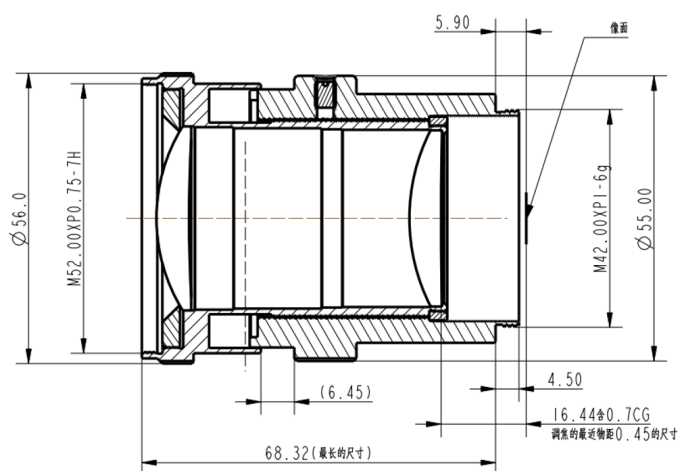
4K Series Line Scanning Lens

4K 系列线扫镜头



■ Dimension

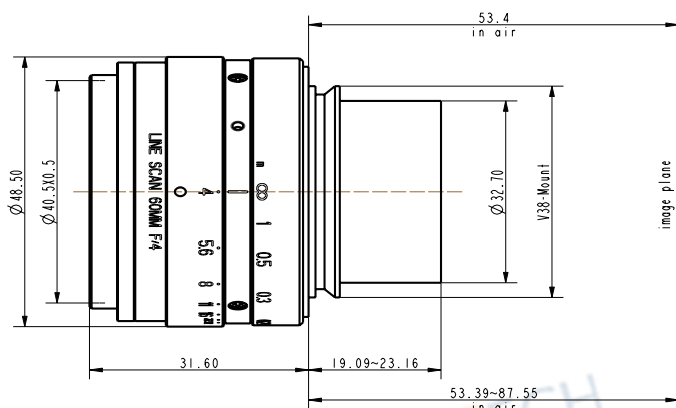
4K Series Line Scanning Lens



16K / 8K 系列线扫镜头



16K / 8K Series Line Scanning Lens



S-Mount Board-level Lens

S 接口板机工业镜头

- ◉ Megapixel high resolution design
- ◉ Optimized for 1/3" and 1/2" sensors with small pixels
- ◉ Multiple f/# options for performance
- ◉ High cost performance



Overview

Model	Focal Length [mm]	F-Number [F/#]	Angle	Sensor	Distortion [%]	Pixel [MP]
VT-LEM01920-M12	1.9	2.0	140°	1/3"	10.00	2
VT-LEM02618-M12-MP5	2.6	1.8	130°	1/2.5"	8.80	5
VT-LEM02718-M12-MP8	2.7	1.8	120°	1/2.5"	4.00	8
VT-LEM02825CB-M12-MP16	2.8	2.5	150°	1/2.3"	62.90	16
VT-LEM02828-M12-MP8	2.8	2.8	110°	1/2.5"	3.00	8
VT-LEM02924-M12-A	2.9	2.4	106°	1/2.9"	0.50	2
VT-LEM02924-M12-B	2.9	2.4	105°	1/2.9"	1.00	2
VT-LEM02924-M12-MP5	2.9	2.4	102°	1/2.5"	1.00	5
VT-LEM03028-M12	3.0	2.8	95°	1/2.7"	0.50	3
VT-LEM03026-M12-MP5	3.0	2.6	110°	1/2"	10.00	5
VT-LEM03124-M12-MP8	3.1	2.4	90°	1/2.5"	1.50	8
VT-LEM033728i-M12-MP5	3.3	2.8	99°	1/2"	1.00	5
VT-LEM033728i-M12-MP16	3.3	2.8	99°	1/2.3"	1.00	16
VT-LEM03630-M12-B	3.6	3	85°	1/2.5"	0.50	3
VT-LEM03630-M12-A	3.6	3	96°	-	0.35	-
VT-LEM03620-M12-MP12	3.6	2	90.5°	1/2.7"	1.50	12
VT-LEM03928-M12	3.9	2.8	75°	1/2.5"	0.50	3
VT-LEM04218CE-M12-MP3	4.2	1.8	85°	1/2.5"	-	3
VT-LEM04224CE-M12-MP3	4.2	2.4	70°	1/2.7"	0.50	3
VT-LEM0424-M12	4.2	2.4	77°	1/2.7"	0.10	-
VT-LEM04218CE-M12	4.2	-	92°	1/3"	10.00	-
VT-LEM04328-MP8	4.3	2.8	78°	1/2.3"	1.50	8
VT-LEM0535-MP5	5.0	3.5	60°	1/2.5"	0.50	5
VT-LEM05425i-M12-MP10	5.4	2.5	-	1/2.3"	-0.2	10
VT-LEM0628-M12-MP5	6.0	2.8	73.6°	1/1.8"	0.50	5
VT-LEM0628-M12-MP8	6.0	6	70°	1/1.8"	0.50	8
VT-LEM07125-M12-MP5	7.1	2.5	50°	1/2.5"	0.50	5
VT-LEM-07224i-M12-MP10	7.2	2.4	-	1/2.3"	-0.1	10
VT-LEM0828-M12	8.0	2.8	45°	1/2.5"	0.50	3
VT-LEM0828-M12-MP5	8.0	2.8	58.2°	1/1.8"	0.30	5
VT-LEM0823IR850BP-M12	8.16	2.3	-	1/2.5"	<-3.16	-
VT-LEM1228-M12-MP5	12	2.8	40.5°	1/1.8"	0.20	5
VT-LEM1220-M12-A	12	2	44°	1/1.8"	5.00	-
VT-LEM1220-M12-B	12	2	32°	1/3"	5.00	-
VT-LEM1218-M12-MP5	12	1.8	30°	1/2.5"	1.00	5
VT-LEM1256-M12-MP12	12	5.6	-	1/1.7"	-0.514625	12
VT-LEM1618-M12-MP5	16	1.8	20°	1/2.5"	1.00	5
VT-LEM1628-M12-MP5	16	2.8	31.6°	1/1.8"	0.1	5
VT-LEM1656-M12-MP12	16	5.6	-	1/1.7"	-0.29	12
VT-LEM2524-M12-MP5	25	2.4	15°	1/2"	1.00	5
VT-LEM2528-M12-MP5	25	2.8	19.5°	1/1.8"	0.05	5
VT-LEM2556-M12-MP12	25	5.6	-	1/1.7"	0.13	12

M12 Interface 1/1.7" Series Industrial Lens

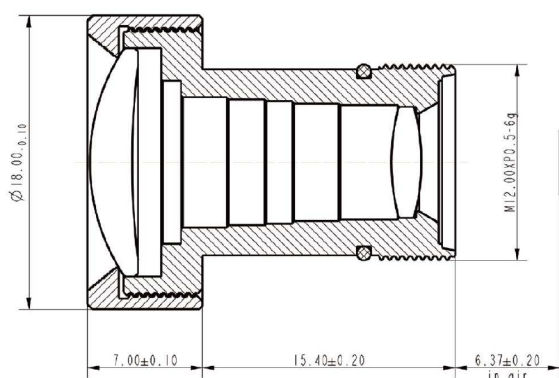
M12 接口 1/1.7" 系列工业镜头

Overview

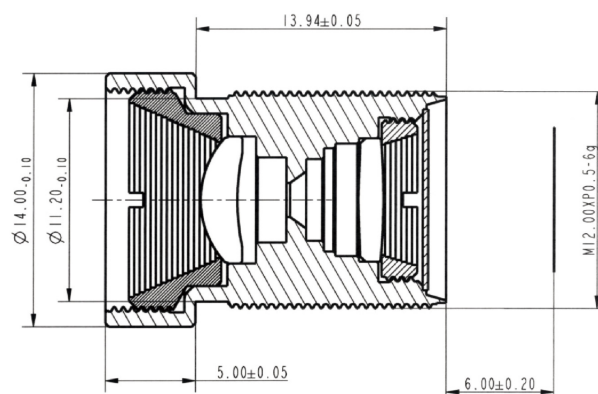
Model	Focal Length [mm]	Image Size [mm]	Sensor	F-Number [F/#]	WD [mm]	FOV [°]		Distortion	Mount
						1/1.7"	1/1.8"		
iLens0856-M12	8	9.3	1/1.7"	5.6	50	60.32×49.31×37.98	24.24×16.72×28.44	-0.36	M12
iLens1256-M12	12	9.3	1/1.7"	5.6	60	40.28×33.16×22.44	16.58×11.22×20.14	-0.28	M12
iLens1656-M12	16	9.3	1/1.7"	5.6	50	30.22×20.36×13.64	10.18×6.82×15.11	-0.2	M12
iLens2556-M12	25	9.3	1/1.7"	5.6	100	18.96×11.94×7.98	5.97×3.99×9.48	0.13	M12

Dimension

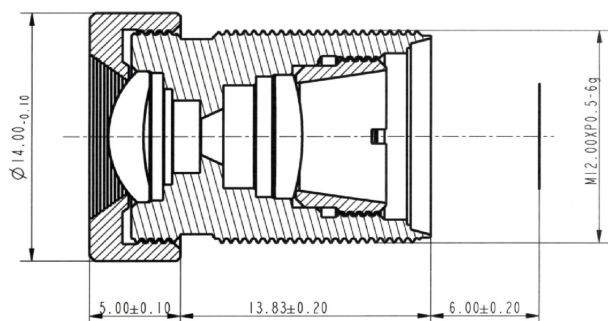
iLens0856-M12



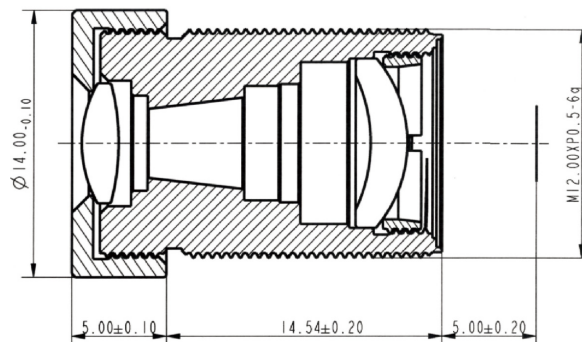
iLens1256-M12



iLens1656-M12



iLens2556-M12



M12-Fisheye Industrial Lens

M12 鱼镜头

- 1MP high resolution design
- Optimized for 1/3" and 1/2" sensors with small pixels
- Multiple f/# options for performance
- High cost performance
- Large light flux, high light transmittance



Overview

Model	Focal Length [mm]	F-Number [F/#]	Sensor	Image Format [μm]	Pixel [MP]	With IR or IR Cut
VT-LEM010824FEMP12-M12	1.08	2.4	1/3.2"	3.5	12	IR Cut
VT-LEM014520FEMP10-i-M12	1.45	2	1/2.3"	4.6	10	With IR
VT-LEM014520FEMP10-M12	1.45	2	1/2.3"	4.6	10	IR Cut
VT-LEM01528FEMP10-i-M12	1.5	2.8	1/2.3"	4.3	10	With IR
VT-LEM015828FEMP10-i-M12	1.58	2.8	1/2.5"	4.1	10	With IR
VT-LEM019828FEMP10-i-M12	1.98	2.8	1/1.8"	5.6	10	With IR
VT-LEM011920FE-i-M12	1.19	2	1/3.2"	3.2	5	With IR
VT-LEM012520FE-i-M12(1/2.8)	1.25	2	1/2.8"	3.93	5	With IR
VT-LEM012520FE-M12(1/2.8)	1.25	2	1/2.8"	3.93	5	IR Cut
VT-LEM01423FE-i-M12	1.4	2.3	1/4"	4.05	2	With IR
VT-LEM01420FE-M12	1.4	2	1/2.5"	-	8	With IR
VT-LEM015620FE-i-M12	1.56	2	1/2.5"	-	-	With IR
VT-LEM01720FE-i-M12	1.7	2	1/2.5"	-	5	With IR
VT-LEM019622FE-i-M12	1.96	2.2	1/2.9"	5.6	4	With IR
VT-LEM02122FE-i-M12	2.1	2.2	1/3"	4.8	3	With IR
VT-LEM0220FE-i-M12	2	2	2/3"	6.6	1	With IR
VT-LEM0223FE-i-M12	2	2.3	2/3"	6.6	5	With IR
VT-LEM0223FE-i-M12	2.2	2.3	1/2.9"	6.2	4	With IR
VT-LEM0223FE-M12	2.2	2.3	1/2.9"	6.2	4	IR Cut

Accessory

Adapter

These lenses can connect to C/CS-Mount cameras using the M12 x 0.5 Adapter for C/CS-Mount Cameras

Product Type	Adapter
Material	Aluminum
Height [mm]	5.5
Diameter [mm]	31
Color	Black
Weight[g]	6.4



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