

Zoom lens (HF-xxxxC)

LS-ZOOM series · Lenses · 4 models

Zoom lens
zoom in and
out of images
by moving a
lens inside the
lens to change
the position of
focus, thereby
changing the
length of focus
and the size of
the view Angle.



Features

- Image Format: 1/2.3".
- MTF: 3Mega Pixel.
- Focal Length: 8-50mm.
- High contrast and excellent imaging effects.
- Suitable for various industrial inspection, microscopic imaging and visual positioning and other fields.

Models

Model	MTF	Focal Length	Image Format	Max.Aperture Ration	Iris Type	D/f'	Sensor format
LS-0850C	3MP	8-50mm	1/2.3"	F1.4	Manual/locked	F1.4	1/2.3"
LS-1050C8M	8MP	10-50mm	1/1.8"	F2.0-16	Manual/locked	F2.0-16	1/1.8"
LS-1236C	5MP	12-36mm	2/3"	F2.8-F16	Manual	F2.8-F16	2/3"
LS-1648C	3MP	16-48mm	2/3"	F2.0	Manual	F2.0	2/3"

More values per model (Mount, Type, MTF (product page), Mount (product page), F.O.V (D/H/V), Back Focal Length, Optical, M.O.D (m), Dimension, Weight (g), Distortion, Structure...) are on each product page.

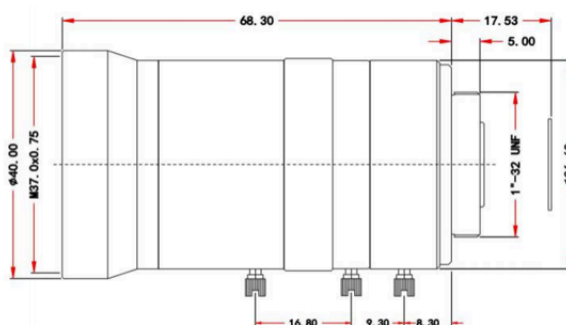
Dimensions

LS-0850C

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- 8-50mm ○ C
- 1/2.3" ○ Manual/locked
- 3Mega Pixel ○ Manual/locked

	Category	Parameters
1.	Model	LS-0850C
2.	Focal Length	8-50mm
3.	Format	1/2.3"
4.	D/f'	F1.4
5.	Mount	C-Mount
6.	F.O.V (D/H/V)	W41.8°x30.8°/T6.42°x4.80°
7.	Back Focal Length	17.53mm
8.	Optical	Manual/locked
9.	Iris type	Manual/locked
10.	MTF	3Mega Pixel
11.	M.O.D (m)	0.50m
12.	Dimension	Φ40*68.30
13.	Weight (g)	148.0g
14.	Distortion	-
15.	Structure	Aluminum alloy (anode black)+12G
16.	Remarks	UVM37.0x0.75



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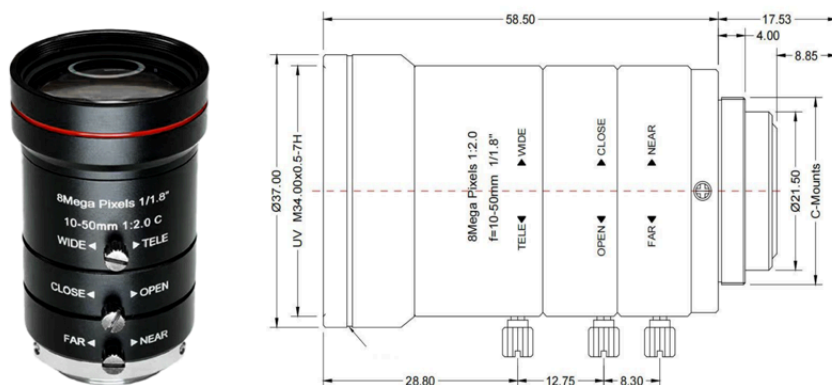
Address: 6A 168 Smart buildings,Heng Gang Tou industrial park of Xin'an community,Chang An Town,Dong Guan,China.

LS-1050C8M

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- 10-50mm ○ C
- 1/1.8" ○ Manual/locked
- 8Mega Pixel ○ Manual/locked

	Category	Parameters
1.	Model	LS-1050C8M
2.	Focal Length	10-50mm
3.	Format	1/1.8"
4.	D/f'	F2.0-16
5.	Mount	C-Mount
6.	F.O.V (D/H/V)	W 39.5x30.2 / T 7.9x5.9
7.	Back Focal Length	17.53mm
8.	Optical length	73.74mm
9.	Iris type	Manual/locked
10.	MTF	8Mega Pixel (4K)
11.	M.O.D (m)	0.40m
12.	Dimension	Φ37.0x58.5mm
13.	Weight (g)	118.7g
14.	Distortion	1/1.8" (-1.8%) (-0.17%)
15.	Structure	Aluminum alloy (anode black)+13G
16.	Remarks	UV M34x0.5p



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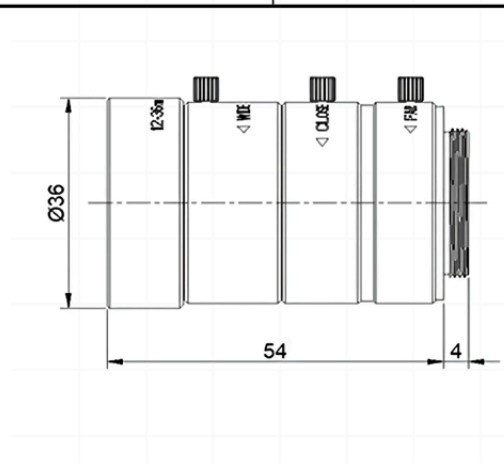
Address: 6A 168 Smart buildings, Heng Gang Tou industrial park of Xin'an community, Chang An Town, Dong Guan, China.

LS-1236C



- 12-36mm ○ C
- F2.8 ○ Manual/locked
- 5Mega Pixel ○ Manual/locked

Category		Parameters	
Model		LS-1236C	
Focal Length		12-36mm	
		12mm	36mm
Image Format		2/3"	2/3"
D/f'		F2.8~F16	F2.8~F16
Focus Range		0.1m~Inf.	0.15m~Inf.
Iris Type		Manual	Manual
Filter Size		M35.5,P=0.5mm	M35.5,P=0.5mm
FOV(D×H×V)	2/3"	49.2°x40.3°x30.8°	17.4°x13.9°x10.5°
	1/1.8"	40.5°x33.0°x24.9°	14.0°x11.3°x8.4°
	1/2"	36.9°x29.9°x22.2°	12.7°x10.2°x7.6°
CRA		≤ 7°	≤ 3°
TV Distortion		-0.32%	-0.08%
Mount		C-Mount	C-Mount
Operation	Focus	Manual	Manual
	Zoom	Manual	Manual
Dimensions		M37x63.0mm	M37x63.0mm
Weight		107g±2g	107g±2g
Operating Temperature		-20°~60°	-20°~60°



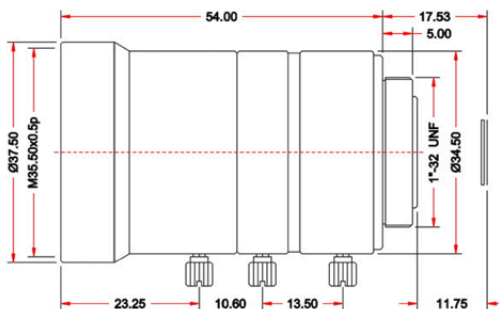
Address: 6A 168 Smart buildings, Heng Gang Tou industrial park of Xin'an community, Chang An Town, Dong Guan, China.

LS-1648C

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- 16-48mm
- 2/3"
- 3Mega Pixel
- C
- Manual

	Category	Parameters
1.	Model	LS-1648C
2.	Focal Length	16-48mm
3.	Format	2/3"
4.	D/f'	F2.0
5.	Mount	C-Mount
6.	F.O.V (D/H/V)	29.5-9.5 degrees
7.	Back Focal Length	17.53mm
8.	Optical	Manual
9.	Iris type	Manual
10.	MTF	3Mega Pixel
11.	M.O.D (m)	0.20m
12.	Dimension	Φ37.5*54mm
13.	Weight (g)	128.0g
14.	Distortion	-
15.	Structure	Aluminum alloy (anode black)+13G
16.	Remarks	-



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Address: 6A 168 Smart buildings, Heng Gang Tou industrial park of Xin'an community, Chang An Town, Dong Guan, China.

Product views

