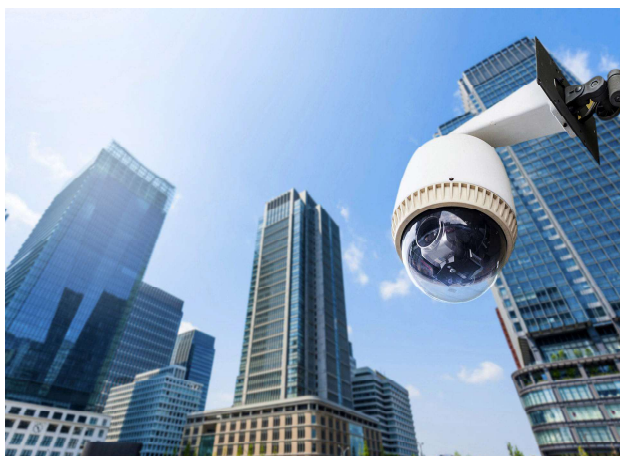




FOCtek CCTV/ITS Lenses

for Security & Surveillance



CONTENTS

PRODUCTS And FEATURES	P2
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FOCAL LENGTH LIST	P3
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VARI-FOCAL LENSES	
•Vari-Focal lenses DC Auto Iris C/CS-Mount	P4
•Vari-Focal lenses Manual Iris C/CS-Mount	P5
•Vari-Focal Motorized lenses Board-Mount	P5-P6

ITS LENSES	
•ITS-S Lenses C-Mount 8MP, 1", F1.4	P6-P7
• ITS Lenses C-Mount 8-12MP, 1"-1.1", F1.2	P8
•ITS Lenses C-Mount 8-12MP, 1" , IR Correction	P9
•ITS Lenses C-Mount 5MP, 2/3", F1.2	P9
• ITS Lenses C-Mount 5MP, 2/3", F1.4	P10
•ITS Lenses C-Mount 12MP, 4/3", F1.4	P10
FA INDUSTRIAL LENSES	P11

4K FIXED FOCAL LENSES	P11
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BOARD LENSES	
•Economical Board Lenses 3MP, IR Correction	P12
•Board Lenses 3-5MP, IR Correction	P12-P13

LOW DISTORTION LENSES	P14
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STARLIGHT LENSES	P14
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FISHEYE LENSES	P15-P16
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AUTOMOTIVE LENSES	P16
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Products and Features

CCTV Vari-Focal Lens



- IR Correction for day and night
- Outstanding coating technology
- Applying to traffic monitoring and toll gate capturing .

P4-P5

CCTV Board Lens(Motorized)



- Motorized control of zoom and focus
- Compact design popular for Dome and Bullet Cameras
- IR-correction for Day and Night Surveillance
- Iris Option: Fixed, Auto(DC), P-iris

P5-P6

ITS Lenses



- 8-12MP High Resolution Design
- High recognition, big sensor size and low distortion
- Outstanding Coating Technology
- Served for traffic monitoring, license plate recognition, traffic violation detection etc.

P6-P10

FA Lenses



- Super-Low distortion for Machine Vision Camera
- Precise iris and focus scales for adjustment
- Locking sets for focus and iris to prevent movement caused by vibration or shock

P11

12 Mega Pixel 4K Lens



- Mount option: CS/M12×0.5
- IR Correction day and night
- Designed for image sensors: IMX226(4K), IMX178(5MP), IMX172(4K)
- 4K camera compatible lenses

P11

CCTV Fixed Focal Lens



- Multi-mega pixels up to 12MP
- IR-correction for Day and Night surveillance
- Glass elements and metal housing

P12-P13

CCTV Low Distortion



- High definition, low distortion lens
- Compact Design for Intergration
- Faces/eyes recognition

P14

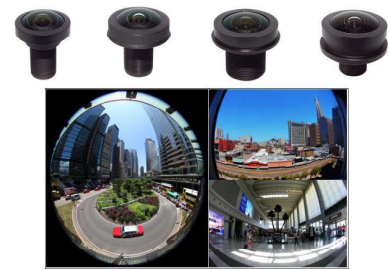
CCTV Starlight Lens



- All metal and glass material
- Visible and IR Confocal

P14

Fisheye Lens



- Super-wide angel for panoramic surveillance
- All metal and glass material
- All lens elements are with Multi-layer

P15-P16

Automotive Lens



- Big field angle with low distortion, fit 360° surround view system well.
- All glass lenses, operating temperature from -40°C to 105°C, suit for automotive cars.
- Very short total length, suit for compact assembly space.

P16

Focal Length List

HD Vari-Focal Lenses	2.8	3.6	3.8	4	5	6	8	10	11	12	16	18	22	25	36	40	50	70
<i>DC Auto Iris</i>																		
CS-D02812IR(3MP)-3	f=2.8-12mm																	
CS-D02812IR(5MP)																		
CS-D03610IR(6MP)	f=3.6-10mm																	
CS-D03816IR(8MP)	f=3.8-16mm																	
C-D0418IR(3MP)-2	f=4-18mm																	
CS-D0550IR(3MP)	f=5-50mm																	
CS-D0550IR(5MP)																		
CS-D0550IR(6MP)-1																		
CS-D0622IR(5MP)	f=6-22mm																	
CS-D0825IR(8MP)	f=8-25mm																	
C-D1140IR(8MP)-C											f=11-40mm							
CS-D1150IR(8MP)											f=11-50mm							
C-D1236IR(8MP)											f=12-36mm							
C-D1670IR(8MP)											f=16-70mm							
<i>Manual Iris</i>																		
CS-M02812IR(5MP)	f=2.8-12mm																	
CS-M03816IR(8MP)	f=3.8-16mm																	
C-M0418IR(3MP)-2	f=4-18mm																	
CS-M0550IR(3MP)	f=5-50mm																	
<i>Motorized Auto Iris</i>																		
D14-D02812IR(3MP)-EE	f=2.8-12mm																	
D14-D02812IR(3MP)-C-EE																		
D14-D03610IR(6MP)-EE	f=3.6-10mm																	
D14-D0622IR(5MP)-EE	f=6-22mm																	
<i>Motorized Fixed Iris</i>																		
D14-02812IR(3MP)-EE	f=2.8-12mm																	
D14-03310IR(3MP)-C-EE	f=3.3-10mm																	
D14-03610IR(6MP)-EE	f=3.6-10mm																	
D14-0622IR(5MP)-EE	f=6-22mm																	

Function Icons



DC Auto Iris



3 Megapixel



4/3 Inch Format Lens



Manual Iris



5 Megapixel



1.1 Inch Format Lens



2 Motors



8 Megapixel



1 Inch Format Lens



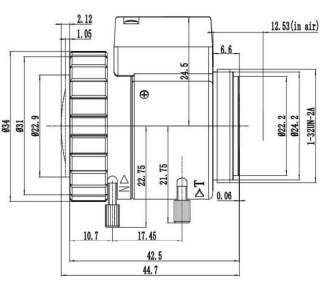
Day&Night

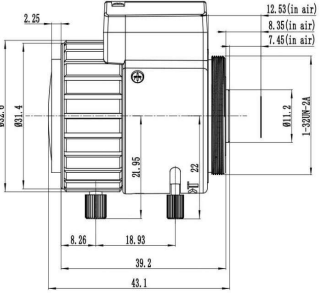


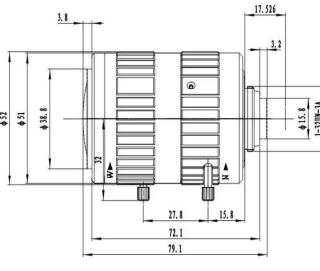
12 Megapixel

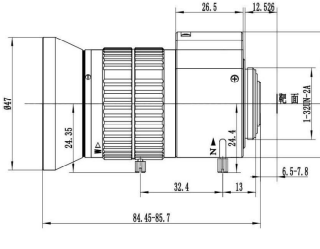


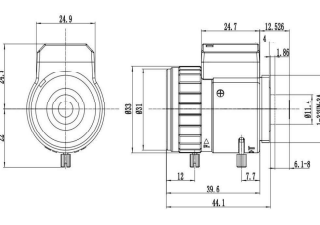
2/3 Inch Format Lens

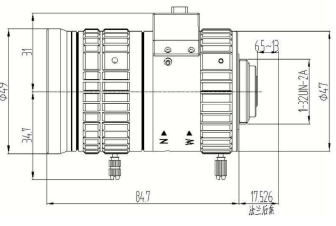
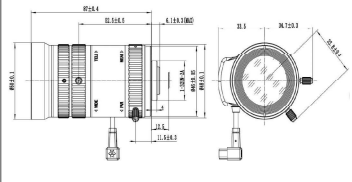
3MEGA DC IR 	CS-D02812IR(3MP)-3 Resolution(MP) 3 Image format 1/2.7" Focal length(mm) 2.8-12 Aperture 1.8 Angle of view (H°× V°) W: 108.8× 81.6 T: 31.2 × 23.4 M.O.D.(mm) 0.3 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -57%~-4% Weight(g) 60±2 Dimension(mm) Φ34×42.5-44.7		5MEGA DC IR 	CS-D02812IR(5MP) Resolution(MP) 5 Image format 1/2.7" Focal length(mm) 2.8-12 Aperture 1.6 Angle of view (H°× V°) W: 102.6× 74.3 T: 29.9 × 22.6 M.O.D.(mm) 0.3 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -69.58%~-3.3% Weight(g) 70.2±2 Dimension(mm) Φ33.7×57.6
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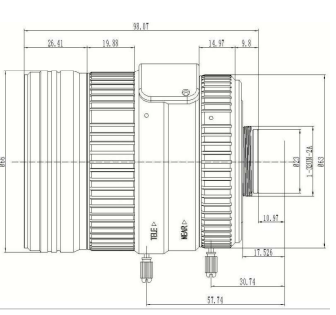
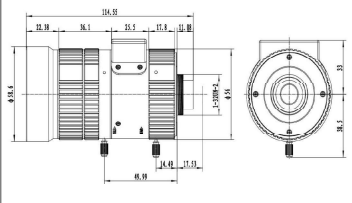
6MEGA DC IR 	CS-D03610IR(6MP) Resolution(MP) 6 Image format 1/1.8" Focal length(mm) 3.6-10 Aperture 1.8 Angle of view (H°× V°) W: 117×81 T: 41.9×31 M.O.D.(mm) 0.3 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -77.01%~-6.51% Weight(g) 55±2 Dimension(mm) Φ32.6×39.2-43.1		8MEGA DC IR 	CS-D03816IR(8MP) (NEW) Resolution(MP) 8 Image format 1/1.8" Focal length(mm) 3.8-16 Aperture 1.5 Angle of view (H°× V°) W: 103.5× 75.5 T: 28 × 20.7 M.O.D.(mm) 1.5 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -48~-2% Weight(g) 240±5 Dimension(mm) Φ49.5×74.4-75.1
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3MEGA DC IR 	C-D0418IR(3MP)-2 Resolution(MP) 3 Image format 1/1.8" Focal length(mm) 4-18 Aperture 1.6 Angle of view (H°× V°) W: 110×82 T: 25×19 M.O.D.(mm) 0.3 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount C-Mount Optical Distortion -57.5%~-2.7% Weight(g) 207.3±5 Dimension(mm) Φ52×79.1		3MEGA DC IR 	CS-D0550IR(3MP) Resolution(MP) 3 Image format 1/2.7" Focal length(mm) 5-50 Aperture 1.4 Angle of view (H°× V°) W: 49.1×36.5 T: 5.6×4.2 M.O.D.(mm) 0.3 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -15.1%~-1.2% Weight(g) 180.8±5 Dimension(mm) Φ47×85.2-85.9
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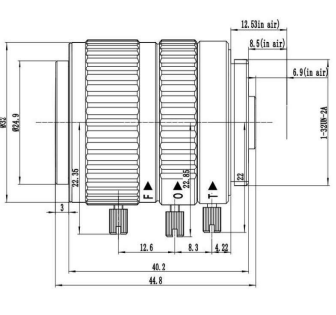
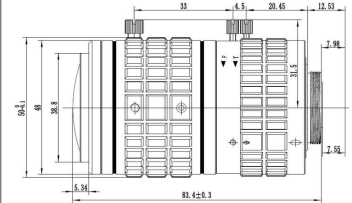
5MEGA DC IR 	CS-D0550IR(5MP) Resolution(MP) 5 Image format 1/2.7" Focal length(mm) 5-50 Aperture 1.4 Angle of view (H°× V°) W: 49.1×36.5 T: 5.6×4.2 M.O.D.(mm) 0.3 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -15.1%~-1.2% Weight(g) 180.8±5 Dimension(mm) Φ47×84.45~85.7		6MEGA DC IR 	CS-D0550IR(6MP)-1 (NEW) Resolution(MP) 6 Image format 1/2.7" Focal length(mm) 5-50 Aperture 1.4 Angle of view (H°× V°) W: 49.6×36.9 T: 7×5.2 M.O.D.(mm) 0.5 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -13.0%~-1.0% Weight(g) 270 Dimension(mm) Φ44×84.45~85.7
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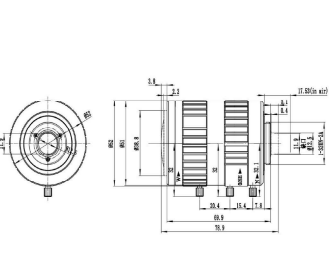
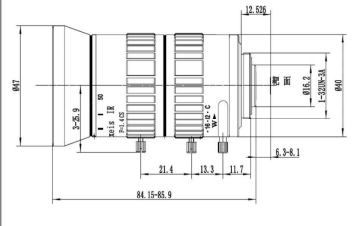
5MEGA DC IR 	CS-D0622IR(5MP) Resolution(MP) 5 Image format 1/2.5" Focal length(mm) 6-22 Aperture 1.6 Angle of view (H°× V°) W: 49.6×36.9 T: 7×5.2 M.O.D.(mm) 0.3 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -0.61~-15.6% Weight(g) 66.5±2 Dimension(mm) Φ33×44.1		8MEGA DC IR 	CS-D0825IR(8MP) Resolution(MP) 8 Image format 1/1.7" Focal length(mm) 8-25 Aperture 1.4 Angle of view (H°× V°) W: 51.9×39.1 T: 17.7×13.1 M.O.D.(mm) 1.5 Operation of iris DC Auto Operation of focus Manual Operation of zoom Manual Mount CS-Mount Optical Distortion -8.6~-4.9% Weight(g) 268 Dimension(mm) Φ50×83.5
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8MEGA DC IR 	C-D1140IR(8MP)-C (NEW)		8MEGA DC IR 	CS-D1150IR(8MP) (NEW)	
	Resolution(MP)			Resolution(MP)	
	Image format			Image format	
	Focal length(mm)			Focal length(mm)	
	Aperture			Aperture	
	Angle of view			Angle of view	
	(H°× V°)			(H°× V°)	
	M.O.D.(mm)			M.O.D.(mm)	
	Operation of iris			Operation of iris	
	Operation of focus			Operation of focus	
	Operation of zoom			Operation of zoom	
	Mount			Mount	
	Optical Distortion			Optical Distortion	
	Weight(g)			Weight(g)	
	Dimension(mm)			Dimension(mm)	

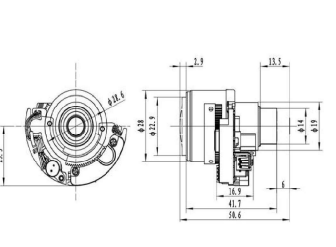
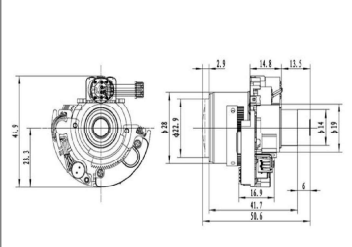
8MEGA DC IR 	C-D1236IR(8MP) (NEW)		8MEGA DC IR 	C-D1670IR(8MP)	
	Resolution(MP)			Resolution(MP)	
	Image format			Image format	
	Focal length(mm)			Focal length(mm)	
	Aperture			Aperture	
	Angle of view			Angle of view	
	(H°× V°)			(H°× V°)	
	M.O.D.(mm)			M.O.D.(mm)	
	Operation of iris			Operation of iris	
	Operation of focus			Operation of focus	
	Operation of zoom			Operation of zoom	
	Mount			Mount	
	Optical Distortion			Optical Distortion	
	Weight(g)			Weight(g)	
	Dimension(mm)			Dimension(mm)	

Vari-Focal lenses Manual Iris C/CS-Mount

5MEGA Manual IR 	CS-M02812IR(5MP)		5MEGA Manual IR 	CS-M03816IR(8MP) (NEW)	
	Resolution(MP)			Resolution(MP)	
	Image format			Image format	
	Focal length(mm)			Focal length(mm)	
	Aperture			Aperture	
	Angle of view			Angle of view	
	(H°× V°)			(H°× V°)	
	M.O.D.(mm)			M.O.D.(mm)	
	Operation of iris			Operation of iris	
	Operation of focus			Operation of focus	
	Operation of zoom			Operation of zoom	
	Mount			Mount	
	Optical Distortion			Optical Distortion	
	Weight(g)			Weight(g)	
	Dimension(mm)			Dimension(mm)	

5MEGA Manual IR 	C-M0418IR(3MP)-2		5MEGA Manual IR 	CS-M0550IR(3MP)	
	Resolution(MP)			Resolution(MP)	
	Image format			Image format	
	Focal length(mm)			Focal length(mm)	
	Aperture			Aperture	
	Angle of view			Angle of view	
	(H°× V°)			(H°× V°)	
	M.O.D.(mm)			M.O.D.(mm)	
	Operation of iris			Operation of iris	
	Operation of focus			Operation of focus	
	Operation of zoom			Operation of zoom	
	Mount			Mount	
	Optical Distortion			Optical Distortion	
	Weight(g)			Weight(g)	
	Dimension(mm)			Dimension(mm)	

Vari-Focal Motorized lenses Board-Mount

3MEGA 2 Motors IR 	D14-D02812IR(3MP)-EE		3MEGA DC 2 Motors IR 	D14-D02812IR(3MP)-EE	
	Resolution(MP)			Resolution(MP)	
	Image format			Image format	
	Focal length(mm)			Focal length(mm)	
	Aperture			Aperture	
	Angle of view			Angle of view	
	(H°× V°)			(H°× V°)	
	M.O.D.(mm)			M.O.D.(mm)	
	Operation of iris			Operation of iris	
	Operation of focus			Operation of focus	
	Operation of zoom			Operation of zoom	
	Mount			Mount	
	Optical Distortion			Optical Distortion	
	Weight(g)			Weight(g)	
	Dimension(mm)			Dimension(mm)	