

Bi-telecentric lens (VCM430 series)

LS-VCM430 series · Telecentric lenses · 24 models

VCM Series F-Mount high precision bi telecentric lenses are the typical choice for extremely accurate measurement of large items such as engine parts, glass or metal sheets, PCBs and electronic components, LCDs, etc.

Features

- Optimized for 4/3"~35mm F-Mount cameras
- Perfectly suitable for 4K and 8K line scan cameras
- FOV ranges from 26mm to 300mm
- Very high resolution, low distortion and homogeneous image quality
- Yield constant magnification over defined depth of field
- Customized mounts available.



Models

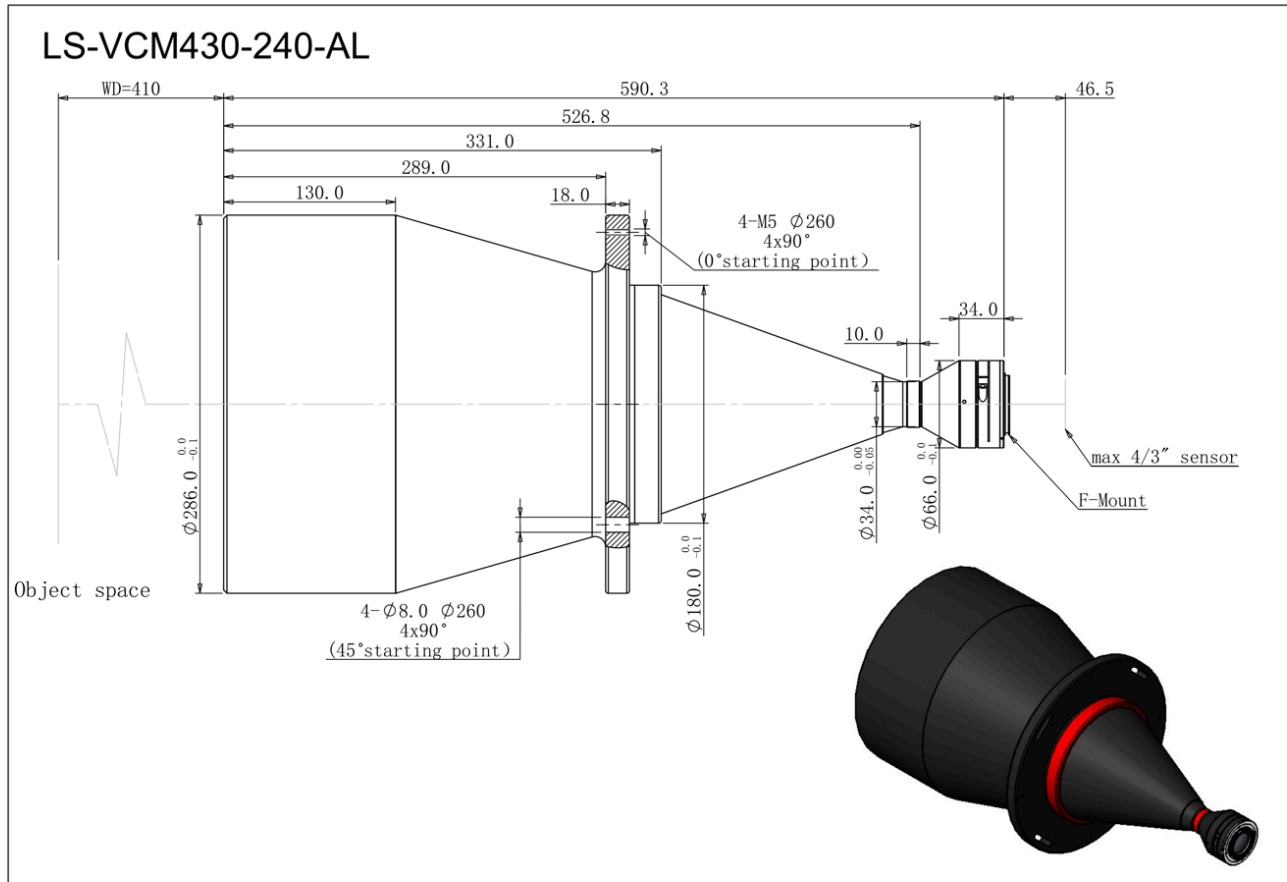
Model	Object Field of View (dia. mm)	Working Distance (mm)	Max Sensor Size (dia. mm)	Best Aperture (F/#)	Telecentricity typical (max) (deg)	Mount	Length (mm)
LS-VCM430-100-AL	100	258±4	24(4/3")	9.4	0.1	F or Other	266.4
LS-VCM430-110-AL	110	263±4	24(4/3")	7.5	0.1	M58 or other	330.1
LS-VCM430-120-AL	120	280±5	24(4/3")	8.1	0.1	F or Other	306.7
LS-VCM430-136-AL	136	288±5	24(4/3")	7.5	0.1	M58 or other	415.1
LS-VCM430-150-AL	150	300±5	24(4/3")	8.1	0.1	F or Other	350.0
LS-VCM430-170-AL	170	318±5	24(4/3")	7.5	0.1	M58 or other	446.4
LS-VCM430-190-AL	190	330±5	24(4/3")	7.5	0.1	F or Other	439.3
LS-VCM430-216-AL	216	372±5	24(4/3")	7.5	0.1	M58 or other	569.2
LS-VCM430-240H-AL	240	410±6	24(4/3")	7.5	0.1	M58 or Other	615.1
LS-VCM430-268-AL	268	438±6	24(4/3")	7.5	0.1	M58 or other	702.6

LS-VCM430-300-AL	300	465±6	24(4/3")	7.5	0.1	For Other	659.0
LS-VCM430-36-AL	36	110±2	24(4/3")	11.3	0.1	For Other	164.0
LS-VCM430-42-AL	42	118±3	24(4/3")	9.4	0.1	For Other	149.5
LS-VCM430-48-AL	48	128±3	24(4/3")	9.4	0.1	For Other	163.0
LS-VCM430-56-AL	56	138±3	24(4/3")	8.1	0.1	For Other	185.5
LS-VCM430-64H-AL	64	158±3	24(4/3")	7.5	0.1	M58 or Other	232.5
LS-VCM430-72-AL	72	178±3	24(4/3")	7.5	0.1	For Other	218.0
LS-VCM430-80H-AL	80	228±4	24(4/3")	7.5	0.1	M58 or Other	242.5
LS-VCM430-90-AL	90	208±3	24(4/3")	7.5	0.1	For Other	243.0
LS-VCM430-240-AL	240	410±6	24(4/3")	7.5	<0.1	C or F	590.3
LS-VCM430-80-AL	80	228±4	24(4/3")	14.1	<0.1	C or F	207.9
LS-VCM430-64-AL	-	-	-	-	-	C or F	174.0
LS-VCM430-48S-AL	48	138±3	24(4/3")	14.1	<0.1	C or F	148.0
LS-VCM430-26-AL	26	73±1	24(4/3")	12.5	<0.1	C or F	144.0

More values per model (Magnification(x), Distortion typical (max) (%), MTF30 (lp/mm), Depth of Field (mm), Length of I/O (mm), FOV with 18.13x13.6 with KAI-08050 (mm x mm), FOV with 18.48x13.73 with CMV8000 (mm x mm), Weight (kg), Mount (product parameters), Detector, Magnification (product parameters), FOV (product parameters)...) are on each product page.

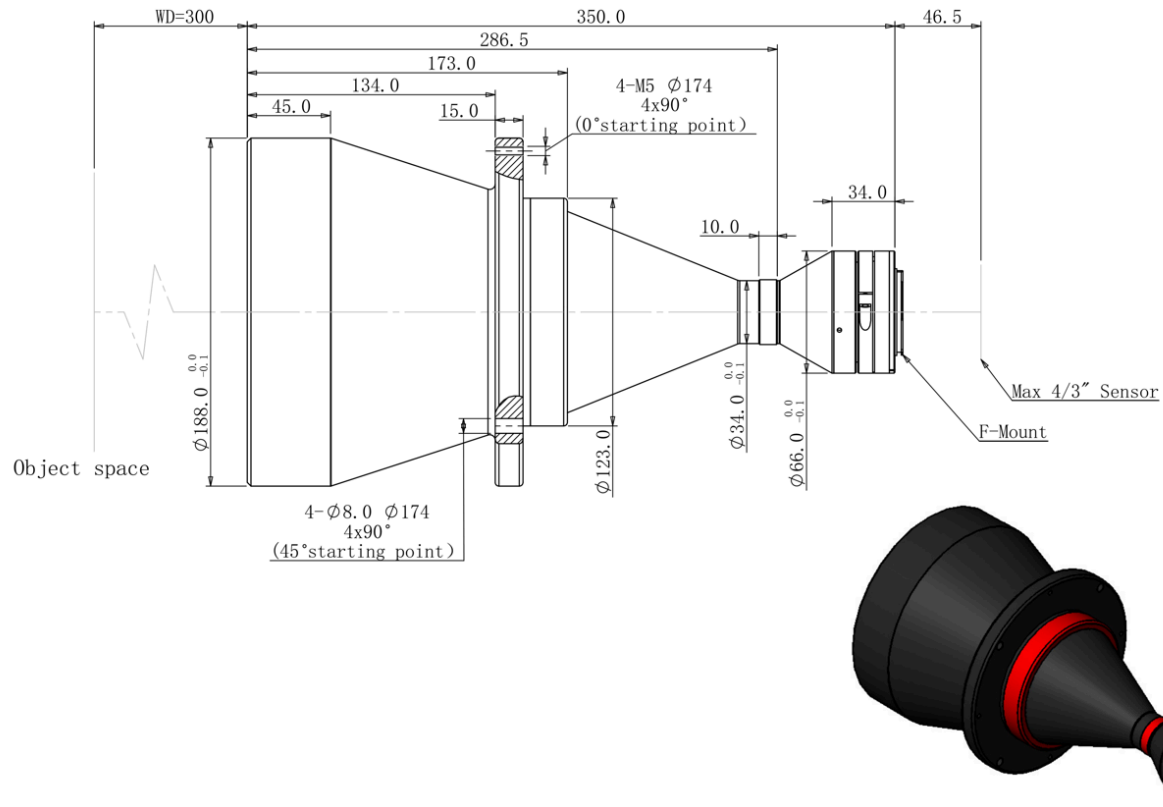
Dimensions







LS-VCM430-150-AL



Product views



