

Variable iris bi-telecentric lens (VCA230)

LS-VCA230 series · Telecentric lenses · 7 models

Variable iris bi-telecentric lenses for up to 2/3" (8M pixel) cameras: zero perspective error over the entire field of view, big depth of field with constant magnification, and a manual iris for adjusting the depth of field.

Features

- Support up to 8M Pixel cameras
- Zero perspective error over the entire Field of View
- Big depth of field and constant magnification over defined depth of field
- Customization available with best performance/ cost rate
- Equipped with a Manual Iris for adjusting the Depth of Field.

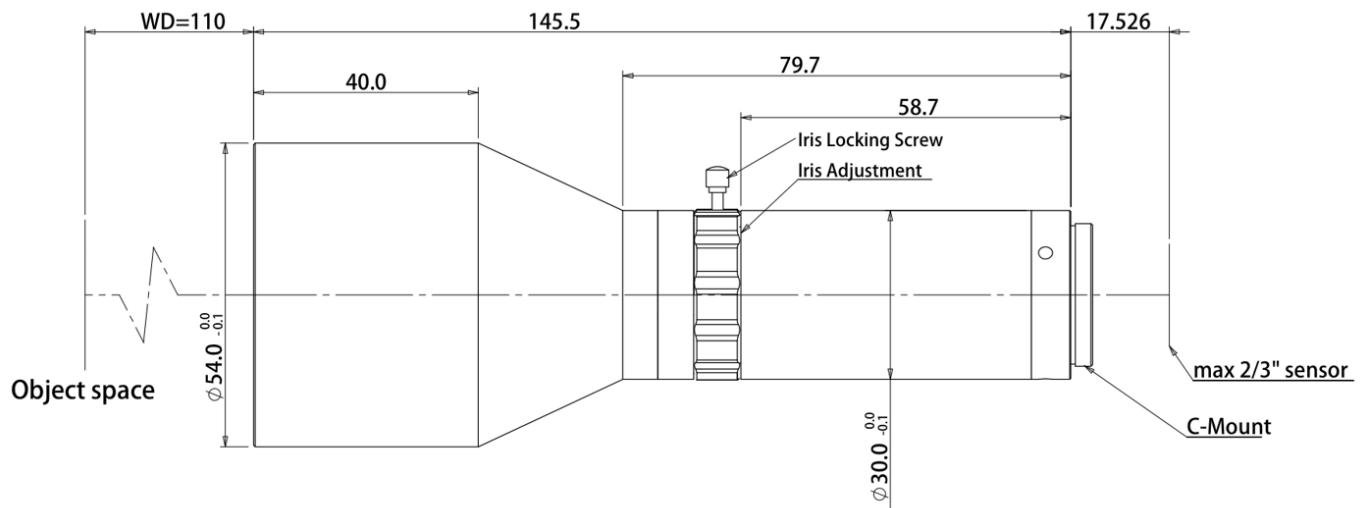
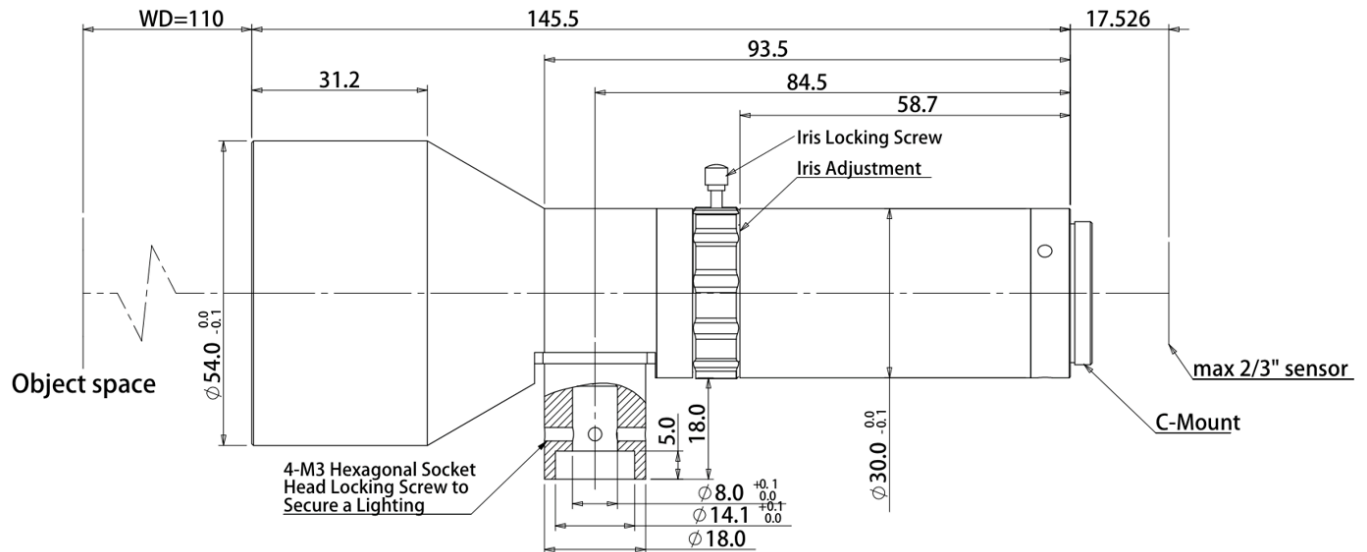
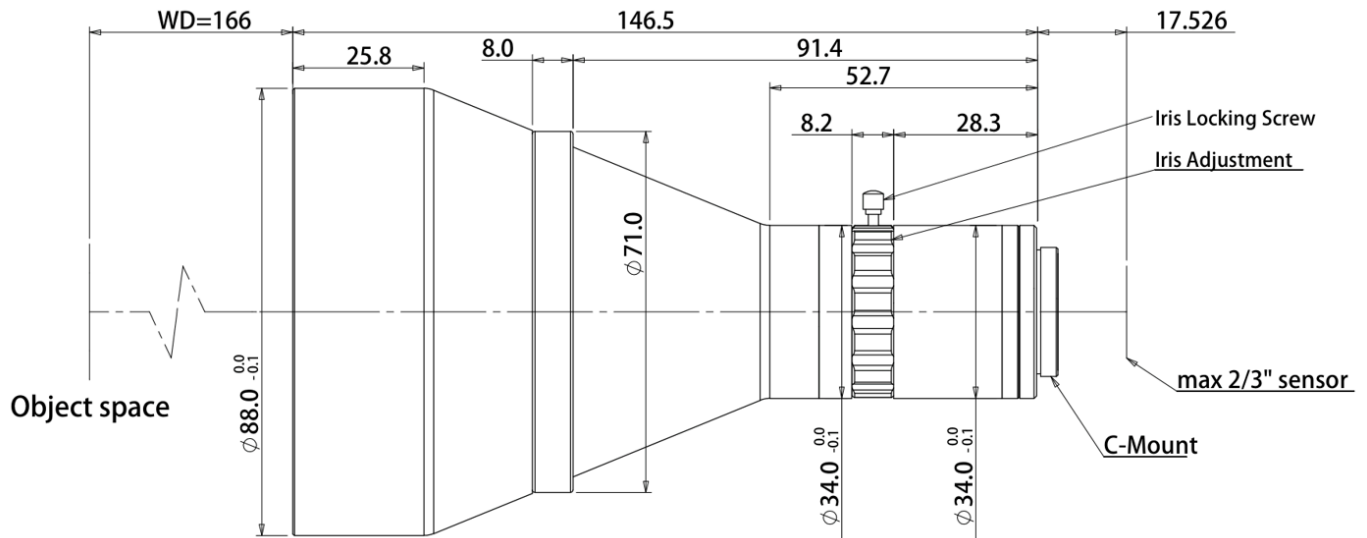


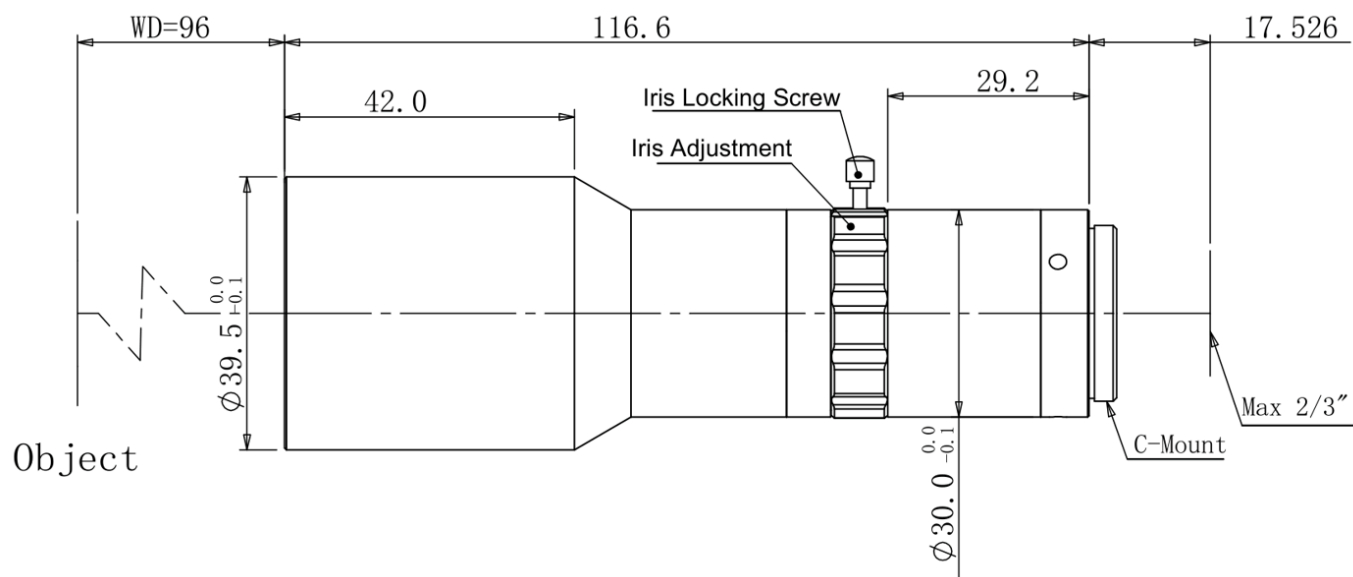
Models

Model	Magnification (x)	Object Field of View (dia. mm)	Working Distance (mm)	Best Aperture (F/#)	MTF30 (lp/mm)	Depth of Field (mm)	Length of I/O (mm)
LS-VCA230-22C	0.5	22	65±1	5.0	>160	±0.8@F5	189±1
LS-VCA230-22L	0.5	22	65±1	5.0	>160	±0.8@F5	189±1
LS-VCA230-28	0.4	28	96±2	10.7	>80	±2.6@F10.7	225±2
LS-VCA230-28IR	0.4	28	96±2	5.0	>80	±1.2@F5	230±2
LS-VCA230-37	0.3	37	110±2	3.75	>220	±1.6@F3.75	273±2
LS-VCA230-37C	0.3	37	110±2	3.75	>220	±1.6@F3.75	273±2
LS-VCA230-66	0.166	66	166±3	3.3	>260	±4.7@F3.3	329±3

More values per model (Max Sensor Size (dia. mm), Telecentricity typical (max) (deg), Distortion typical (max) (%), Mount, Length(mm), Weight(kg), Coaxial Light, Iris, FOV with 8.47x7.10 with ICX625/655 (mm x mm), Field of view with ICX625/655 (8.47x7.10 sensor) (mm x mm), Sensor format) are on each product page.

Dimensions





Product views



