

Telecentric Lens for 5 Megapixel Camera

FXL series

Coaxial type/Straight type

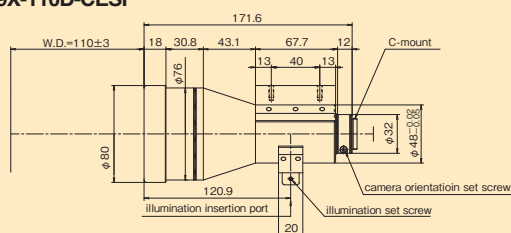
Telecentric lens compatible with 5M pixel camera. Ideal for capturing image in wide field, and high-resolution alignment.

Over 100mm WD enables inspection both with incident lighting and coaxial lighting.

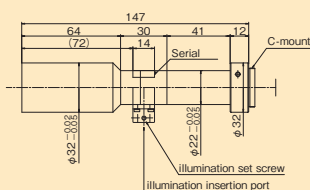


Coaxial

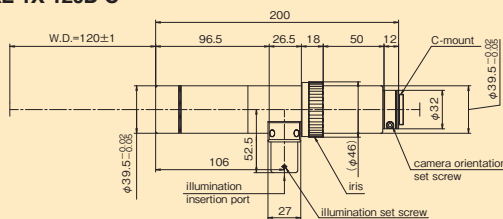
FXL-0.19X-110D-CESF



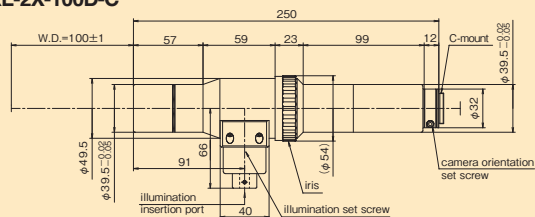
FXL-0.47X-130D-C



FXL-1X-120D-C

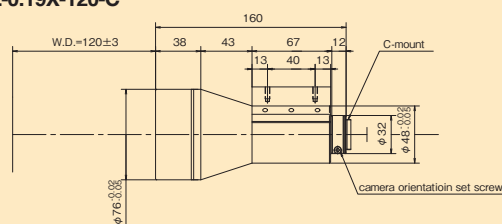


FXL-2X-100D-C

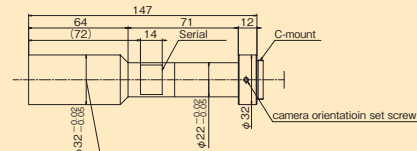


Straight

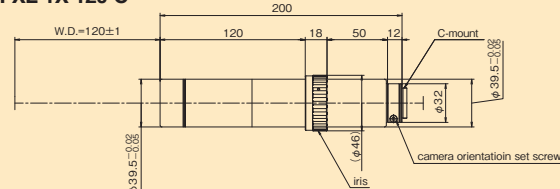
FXL-0.19X-120-C



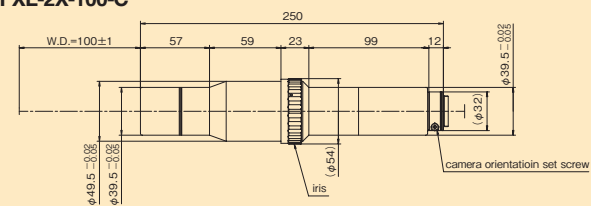
FXL-0.47X-130-C



FXL-1X-120-C



FXL-2X-100-C



■ Specification

Model #	Coaxial	FXL-0.19X-110D-CESF	FXL-0.47X-130D-C	FXL-1X-120D-C	FXL-2X-100D-C
	Straight	FXL-0.19X-120-C	FXL-0.47X-130-C	FXL-1X-120-C	FXL-2X-100-C
Magnification		0.19X	0.47X	1X	2X
Working distance		Coaxial:110mm Straight:120mm	130mm	120mm	100mm
Focal depth		13.3mm	2.9mm	560μm	160μm
Distortion		0.02% or less	0.01% or less	0.05% or less	0.05% or less
Resolution LP/mm		48LP/mm	69LP/mm	192LP/mm	340LP/mm
Resolution power		21μm	14.4μm	5.2μm	2.9μm
N.A.		0.017	0.028	0.072	0.13
F number		6	8.1	7	8
Camera mount		C-MOUNT			
Equivalent sensor		Under 2/3 inch camera	Under 1/1.8 inch camera	Under 2/3 inch camera	
Weight	Coaxial	580g	158g	410g	540g
	Straight	480g	150g	360g	490g