

JC-CTH192X-120-M72-12

Model No.	JC-CTH192X-120-M72-12	This lens achieves optimal resolution and good image consistency at F13.5, and achieves optimal image consistency at F18.0. Above F13.5, both resolution and image consistency begin to decline.	
Optical Structure	Bi-Telecentric		
Magnification	1.92		
Object FOV	Φ 34.4mm		
Image FOV	Φ 66mm		
Working Distance	120mm±3%		
Telecentricity	<0.03° (0.1°)		
Depth of Field	0.5mm@F18		
F No.	F8-F111.5		
Resolution	6.20 μ m@F18		
Image MTF	>0.3@58lp/mm@F18		
Optical Distortion	<0.034%(0.10%)		
Measuring Range	Sensor Specification	Sensor Size	FOV Range
	35film	36mmx24mm	18.8mmx12.5mm
	2"	23mmx23mm	12.0mmx12.0mm
	4/3"	18mmx13.5mm	9.4mmx7.0mm
	1.1"	14.2mmx10.4mm	7.4mmx5.4mm
	4K Line Scan	4096x7 μ m	14.9mm
	8K Line Scan	8192x5 μ m	21.3mm
	8K Line Scan	8192x7 μ m	29.9mm

PRODUCT SIZE:(mm)

