

TC 4M 48

BI-TELECENTRIC LENS FOR 4MPiX (22MM DIAGONAL) DETECTORS



Model:	TC 4M 48	/C (/F)
Magnification (X):	0,368 +/- 3%	
Object Field (mm):	<i>Cypress IBIS4-6600:</i>	28,6 x 21,0
	<i>Kodak KAI 2020:</i>	32,2 x 24,2
	<i>Kodak KAI 2093:</i>	38,7 x 21,7
	<i>MICRON MI-MV40:</i>	44,8 x 32,9
	<i>Kodak KAI4011/4021:</i>	41,2 = 41,2
Working Distance (mm):	134,6 +/- 4	
Working F-number:	16	
MTF @50 lp/mm (%):	> 30 (*)	
Field Depth (mm):	7,0 @ F/ 16	
Telecentricity (degree):	< 0,1	
Distortion (%):	< 0,1	
Mount:	C (/C) or F (/F)	
Length (mm):	306,0	
Maximum external diameter (mm):	75,0	
Weigh (g):	1150	

(*) Green or Red LED or pseudo monochromatic light highly recommended for optical specification improvement

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL48 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX36 illuminator.



Back Light illumination:
Compatible with LTBK36 illuminator.



Clamping Mechanics:
compatible with Teleclamp48.



Direct illumination:
compatible with LTRN64 diffusive
anular illuminators.



Filters:
filters can be inserted in the rear part
of the lens with the C-mount option.

