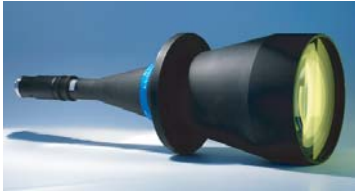


TC 4M 144

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



Model:	TC 4M 144 /C (/F)	
Magnification (X):	0,122 +/- 3%	
Object Field (mm):	<i>Cypress IBIS4-6600:</i>	85,9 x 63,3
	<i>Kodak KAI 2020:</i>	96,9 x 72,7
	<i>Kodak KAI 2093:</i>	116,3 x 65,4
	<i>MICRON MI-MV40:</i>	134,8 x 99,0
	<i>Kodak KAI4011/4021:</i>	124,0 = 124,0
Working Distance (mm):	398,0 +/- 12	
Working F-number:	16	
MTF @50 lp/mm (%):	> 30 (*)	
Field Depth (mm):	80,0 @ F/ 16	
Telecentricity (degree):	< 0,1	
Distortion (%):	< 0,1	
Mount:	C (/C) or F (/F)	
Length (mm):	586,9	
Maximum external diameter (mm):	200,0	
Weigh (g):	6170	

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL144 illuminator;
green light suggested.



Coaxial illumination:
not available.



Back Light illumination:
Compatible with LTBK96 illuminator.



Clamping Mechanics:
use the built-in holed flange to mount
the lens.



Direct illumination:
not available.



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

