

TC 4M 85

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



Model:	TC 4M 85 /C (/F)
Magnification (X):	0,207 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 50,7 x 37,3 <i>Kodak KAI 2020:</i> 57,1 x 42,9 <i>Kodak KAI 2093:</i> 68,6 x 38,6 <i>MICRON MI-MV40:</i> 79,5 x 58,4 <i>Kodak KAI4011/4021:</i> 73,1 = 73,1
Working Distance (mm):	280,6 +/- 8
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	30,0 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	449,5
Maximum external diameter (mm):	143,0
Weigh (g):	2900

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL96 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
Compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp96.



Direct illumination:
not available.



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

