

TC 4M 80

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



Model:	TC 4M 80 /C (/F)
Magnification (X):	0,221 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 47,6 x 35,0 <i>Kodak KAI 2020:</i> 53,7 x 40,3 <i>Kodak KAI 2093:</i> 64,4 x 36,2 <i>MICRON MI-MV40:</i> 74,6 x 54,8 <i>Kodak KAI4011/4021:</i> 68,7 = 68,7
Working Distance (mm):	227,7 +/- 7
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	28,5 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	396,2
Maximum external diameter (mm):	116,0
Weigh (g):	2000

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL80 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
Compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp80.



Direct illumination:
not available.



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

