

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



Model:	TC 4M 09 /C or /F										
Magnification (X):	2,00 +/- 3%										
Object Field (mm):	<table border="0"> <tr> <td><i>Cypress IBIS4-6600:</i></td> <td>5,3 x 3,9</td> </tr> <tr> <td><i>Kodak KAI 2020:</i></td> <td>5,9 x 4,4</td> </tr> <tr> <td><i>Kodak KAI 2093:</i></td> <td>7,1 x 4,0</td> </tr> <tr> <td><i>MICRON MI-MV40:</i></td> <td>8,2 x 6,0</td> </tr> <tr> <td><i>Kodak KAI4011/4021:</i></td> <td>7,6 x 7,6</td> </tr> </table>	<i>Cypress IBIS4-6600:</i>	5,3 x 3,9	<i>Kodak KAI 2020:</i>	5,9 x 4,4	<i>Kodak KAI 2093:</i>	7,1 x 4,0	<i>MICRON MI-MV40:</i>	8,2 x 6,0	<i>Kodak KAI4011/4021:</i>	7,6 x 7,6
<i>Cypress IBIS4-6600:</i>	5,3 x 3,9										
<i>Kodak KAI 2020:</i>	5,9 x 4,4										
<i>Kodak KAI 2093:</i>	7,1 x 4,0										
<i>MICRON MI-MV40:</i>	8,2 x 6,0										
<i>Kodak KAI4011/4021:</i>	7,6 x 7,6										
Working Distance (mm):	63,3 +/- 2										
Working F-number:	16										
MTF @50 lp/mm (%):	> 30 (*)										
Field Depth (mm):	0,5 @ F/ 16										
Telecentricity (degree):	< 0,1										
Distortion (%):	< 0,1										
Mount:	C (/C) or F (/F)										
Length (mm):	170,0										
Maximum external diameter (mm):	28,0										
Weigh (g):	520										

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

ACCESSORIES AND OPTIONS:



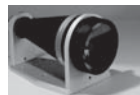
Collimated/Telecentric illumination:
not necessary/recommended at this magnification.



Coaxial illumination:
not available.



Back Light illumination:
Compatible with LTBK36 illuminator.



Clamping Mechanics:
the lens is light and can be directly held by the camera.



Direct illumination:
compatible with LTRN23 diffusive anular illuminators.



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

