

# TC 4M 120

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



<b>Model:</b>	<b>TC 4M 120 /C (/F)</b>
<b>Magnification (X):</b>	0,143 +/- 3%
<b>Object Field (mm):</b>	<i>Cypress IBIS4-6600:</i> 73,3 x 54,0 <i>Kodak KAI 2020:</i> 82,7 x 62,0 <i>Kodak KAI 2093:</i> 99,2 x 55,8 <i>MICRON MI-MV40:</i> 114,9 x 84,4 <i>Kodak KAI4011/4021:</i> 105,8 = 105,8
<b>Working Distance (mm):</b>	336,5 +/- 10
<b>Working F-number:</b>	16
<b>MTF @50 lp/mm (%):</b>	> 30 (*)
<b>Field Depth (mm):</b>	52,5 @ F/ 16
<b>Telecentricity (degree):</b>	< 0,1
<b>Distortion (%):</b>	< 0,1
<b>Mount:</b>	C (/C) or F (/F)
<b>Length (mm):</b>	527,4
<b>Maximum external diameter (mm):</b>	180,0
<b>Weigh (g):</b>	5700

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

### ACCESSORIES AND OPTIONS:



**Collimated/Telecentric illumination:**  
compatible with LTCL120 illuminator;  
green light suggested.



**Coaxial illumination:**  
not available.



**Back Light illumination:**  
Compatible with LTBK64 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.

