

# TC 2M 56

## BI-TELECENTRIC LENS FOR 1" (16MM DIAGONAL) DETECTORS



<b>Model:</b>	<b>TC 2M 56</b>	<b>/C (/F)</b>
<b>Magnification (X):</b>	0,229 +/- 3%	
<b>Object Field (mm):</b>	<i>Cypress IBIS4-6600:</i>	45,9 x 33,8
	<i>Kodak KAI 2020:</i>	51,8 x 38,8
	<i>Kodak KAI 2093:</i>	62,2 x 35,0
<b>Working Distance (mm):</b>	159,3 +/- 5	
<b>Working F-number:</b>	16	
<b>MTF @50 lp/mm (%):</b>	> 30 (*)	
<b>Field Depth (mm):</b>	22,5 @ 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>	310,0	
<b>Maximum external diameter (mm):</b>	80,0	
<b>Weigh (g):</b>	1350	

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

### ACCESSORIES AND OPTIONS:



**Collimated/Telecentric illumination:**  
compatible with LTCL56 illuminator;  
green light suggested.



**Coaxial illumination:**  
compatible with LTCX64 illuminator.



**Back Light illumination:**  
Compatible with LTBK36 illuminator.



**Clamping Mechanics:**  
compatible with Teleclamp56.



**Direct illumination:**  
compatible with LTRN64 diffusive  
anular illuminators.



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

