

TC 4M 85

BI-TELECENTRIC LENS FOR
LARGE DETECTORS UP TO 1.2"
(21.5 MM DIAGONAL)



Part Number	TC 4M 85 (/C /F)	
Magnification		0,207 +/- 3%
Field Of View	(mm)	
with IBIS4-6600		50,7 x 37,3
with KAI2020		57,1 x 42,9
with KAI 2093		68,6 x 38,6
with MI-MV40		79,5 x 58,4
with KAI4011/4021		73,1 x 73,1
Working Distance	(mm)	280,6 +/- 8
Working F-number		16
Telecentricity	(degree)	< 0,1
Distortion	(%)	< 0,1
Field Depth	(mm)	27,0
CTF @50 lp/mm	(%)	> 30
Image side N.A.		0,0310
Object side N.A.		0,0065
Mount		C or F
Length	(mm)	449,5
External diameter	(mm)	143,0
Weight	(g)	2900

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 and LTBK80
illuminators.



Clamping Mechanics:
compatible with CMH096.



Direct illumination:
not available.



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

MECHANICAL DRAWINGS: see next page >>

