

TC 4M 110

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



Model:	TC 4M 110 /C (/F)
Magnification (X):	0,159 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 66,1 x 48,7 <i>Kodak KAI 2020:</i> 74,6 x 55,9 <i>Kodak KAI 2093:</i> 89,5 x 50,3 <i>MICRON MI-MV40:</i> 103,7 x 76,2 <i>Kodak KAI4011/4021:</i> 95,4 = 95,4
Working Distance (mm):	336,5 +/- 10
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	45,0 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	535,3
Maximum external diameter (mm):	180,0
Weigh (g):	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.

Rev. No.	Description	Date	Name
A	First light	10/03/06	A.Vismarica

TC 4M 110/F (F-mount)

