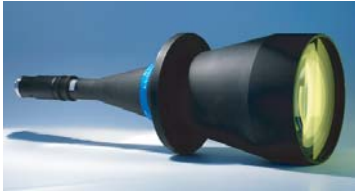


TC 4M 144

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



| | | |
|--|----------------------------|---------------|
| Model: | TC 4M 144 /C (/F) | |
| Magnification (X): | 0,122 +/- 3% | |
| Object Field (mm): | <i>Cypress IBIS4-6600:</i> | 85,9 x 63,3 |
| | <i>Kodak KAI 2020:</i> | 96,9 x 72,7 |
| | <i>Kodak KAI 2093:</i> | 116,3 x 65,4 |
| | <i>MICRON MI-MV40:</i> | 134,8 x 99,0 |
| | <i>Kodak KAI4011/4021:</i> | 124,0 = 124,0 |
| Working Distance (mm): | 398,0 +/- 12 | |
| Working F-number: | 16 | |
| MTF @50 lp/mm (%): | > 30 (*) | |
| Field Depth (mm): | 80,0 @ F/ 16 | |
| Telecentricity (degree): | < 0,1 | |
| Distortion (%): | < 0,1 | |
| Mount: | C (/C) or F (/F) | |
| Length (mm): | 586,9 | |
| Maximum external diameter (mm): | 200,0 | |
| Weigh (g): | 6170 | |

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL144 illuminator;
green light suggested.



Coaxial illumination:
not available.



Back Light illumination:
Compatible with LTBK96 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.

