



TC 12 144

0,044x Bi-Telecentric lens for detectors up to 1/2"



part number	TC 12 144	
Magnification	0,044 +/- 3%	
Field Of View		
with 1/4" (3,6 x 2,7) detector	(mm)	81,0 x 60,7
with 1/3" (4,8 x 3,6) detector		107,9 x 81,0
with 1/2" (6,4 x 4,8) detector		143,9 x 107,9
with 1/1.8" (7,13 x 5,37) detector		160,3 x 120,7
with 2/3" (8,8 x 6,6) detector		diam. = 148,4
Working Distance	(mm)	398,0 +/- 12
Working F-number		8
Telecentricity	(degree)	< 0,08
Distortion	(%)	<0,08
Field Depth	(mm)	339,0
CTF @70 lp/mm	(%)	> 35
Image side N.A.		0,0620
Object side N.A.		0,0027
Mount		C
Length	(mm)	462,1
External diameter	(mm)	200,0
Weight	(g)	6500

Possible vignetting at the image corners with 1/1.8" detectors

ACCESSORIES AND OPTIONS:



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



Clamping Mechanics:
Compatible with CMH0144.

