



XF-PTL06529-F-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.447
Object field of view	$\Phi 64.9\text{mm}$
Image field of view	$\Phi 29\text{mm}$
Working Distance	$160\text{mm} \pm 3\%$
Telecentricity	$< 0.03^\circ (0.08^\circ)$
Depth of field	$3.8\text{-}20.9\text{mm}$
F#	F7-F37.5
Resolution	$10.40\text{-}55.41\mu\text{m}$
MTF	$> 0.3 @ 145\text{-}27\text{lp/mm}$
Distortion	$< 0.040\% (0.060\%)$
Detector type:	

7/4'	22.5×16.9	$50.3 \times 37.8\text{mm}$
4/3'	18×13.5	$40.3 \times 30.2\text{mm}$
1.1'	14.2×10.4	$31.8 \times 23.3\text{mm}$
1'	12.8×9.6	$28.6 \times 21.5\text{mm}$
2K Linear scan	$2048 \times 10\mu\text{m}$	45.8mm
4K Linear scan	$4096 \times 7\mu\text{m}$	64.1mm

Optional camera mount:
 1、F
 2、M42×1

XF-PTLAAABB-C/F/P/M- (L90E)

The fourth generation lens of Canrill

Object FOV

Image FOV

The camera mount (M & P mount need specify BFL)

90° Steering option

Undefined tolerance (mm)	degree	File Name			
X. X	± 0.2	$\pm 30\text{min}$	XF-PTL06529-F-VI-外形尺寸-EN		
X. XX	± 0.02		Drawing Name		
X. XXX	± 0.005	Drawing Size: A3			
	Sign	Data/Ver.	Material	Ratio	Product Name
Design				1:5	
Modify1			Qty		Canrill OPTICS
Modify2			Total:	Page:	All design and drawings are intellectual property of Canrill Optics, can not be copied without Canrill's authorization.