



XF-PTL08032-F-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.411
Object field of view	$\phi 77.9\text{mm}$
Image field of view	$\phi 32\text{mm}$
Working Distance	$180\text{mm} \pm 3\%$
Telecentricity	$< 0.03^\circ (0.06^\circ)$
Depth of field	5.0-28.0mm
F#	F7.5-F42.2
Resolution	12.1-67.9 μm
MTF	$> 0.3 @ 135-251\text{lp/mm}$
Distortion	$< 0.037\% (0.08\%)$
Detector type:	

7/4'	22.5×16.9	54.7×41.1mm
4/3'	18×13.5	43.8×32.8mm
1.1'	14.2×10.4	34.5×25.3mm
1'	12.8×9.6	31.1×23.4mm
2K Linear scan	2048×10 μm	49.8mm
4K Linear scan	4096×7 μm	69.8mm

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-PTL08032-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
Design				1:5
Modify1			Qty	
Modify2			Total:	Page:
			<small>All design and drawings are intellectual property of Canrill Optics, can not be copied without Canrill's authorization.</small>	