



XF-PTL08035-F-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.453
Object field of view	$\phi 77.3\text{mm}$
Image field of view	$\phi 35\text{mm}$
Working Distance	$180\text{mm} \pm 3\%$
Telecentricity	$< 0.03^\circ (0.06^\circ)$
Depth of field	4.0-25.4mm
F#	F7.5-F47
Resolution	10.9-68.1 μm
MTF	$> 0.3 @ 140-22\text{lp/mm}$
Distortion	$< 0.036\% (0.08\%)$

Detector type:

2'	23×23	50.8×50.8mm
4/3'	18×13.5	39.7×29.8mm
1.1'	14.2×10.4	31.3×23.0mm
1'	12.8×9.6	28.3×21.2mm
2K Linear scan	2048×10 μm	45.2mm
4K Linear scan	4096×7 μm	63.3mm

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-PTL08035-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:	

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