



XF-PTL04538-F-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.874
Object field of view	$\phi 43.5\text{mm}$
Image field of view	$\phi 38\text{mm}$
Working Distance	$120\text{mm} \pm 3\%$
Telecentricity	$< 0.03^\circ (0.07^\circ)$
Depth of field	1.1-7.4mm
F#	F8-F50.8
Resolution	6-38.32 μm
MTF	$> 0.3 @ 130-20\text{lp/mm}$
Distortion	$< 0.065\% (0.085\%)$
Detector type:	

71M	31 \times 22	35.5 \times 25.2mm
2'	23 \times 23	26.3 \times 26.3mm
4/3'	18 \times 13.5	20.6 \times 15.4mm
1.1'	14.2 \times 10.4	16.2 \times 11.9mm
2K Linear scan	2048 \times 10 μm	23.4mm
4K Linear scan	4096 \times 7 μm	32.8mm

Optional camera mount:
1、F
2、M58 \times 0.75

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

<p>The fourth generation lens of Canrill</p> <p>Object FOV</p> <p>Image FOV</p>	<p>The camera mount (M & P mount need specify BFL)</p>	<p>90° Steering option</p>
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Undefined tolerance (mm)		degree	File Name		
X. X	± 0.2	$\pm 30\text{min}$	XF-PTL04538-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.