



Optional camera mount
 1、 F mount
 2、 M42×1

XF-PTL31032-F

Specification

Optical structure	Bi-Telecentric
Magnification	0.106
Object field of view	$\phi 301.9\text{mm}$
Image field of view	$\phi 32\text{mm}$
Working Distance	$500\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.06^\circ)$
Depth of field	73.2mm
F#	F7.5
Resolution	$46.7\mu\text{m}$
MTF	$> 0.3 @ 135\text{lp/mm}$
Distortion	$< 0.055\% (0.066\%)$
Detector type:	

7/4'	22.5×16.9	$212.3 \times 159.4\text{mm}$
4/3'	18.0×13.5	$169.8 \times 127.4\text{mm}$
1.1'	14.2×10.4	$134.0 \times 98.1\text{mm}$
1'	12.8×9.6	$120.8 \times 90.6\text{mm}$
2K Linear scan	$2048 \times 10\mu\text{m}$	193.2mm
4K Linear scan	$4096 \times 7\mu\text{m}$	270.5mm

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-PTL31032-F-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.