



**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	212.3×159.4mm
4/3' 18.0×13.5	169.8×127.4mm
1.1' 14.2×10.4	134.0×98.1mm
1' 12.8×9.6	120.8×90.6mm
2K Linear scan 2048×10μm	193.2mm
4K Linear scan 4096×7μm	270.5mm

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

<p><b>The fourth generation lens of Canrill</b></p> <p>Object FOV</p> <p>Image FOV</p>	<p><b>The camera mount (M &amp; P mount need specify BFL)</b></p>	<p><b>90° Steering option</b></p>
--	---	-----------------------------------

Undefined tolerance (mm)		degree		File Name	
X. X	±0.2	±30min		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.