



# XF-PTL08029-F-VI

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

## Specification

Optical structure	Bi-Telecentric
Magnification	0.363
Object field of view	Φ79.9mm
Image field of view	Φ29.0mm
Working Distance	180mm±3%
Telecentricity	<0.04°(0.06°)
Depth of field	5.8-31.6mm
F#	F7-F37.5
Resolution	12.7-68.1μm
MTF	>0.3@145-27lp/mm
Distortion	<0.039%(0.089%)
Detector type:	

7/4'	22.5×16.9	62.0×46.6mm
4/3'	18.0×13.5	49.6×37.2mm
1.1'	14.2×10.4	39.1×28.7mm
1'	12.8×9.6	35.3×26.4mm
2K Linear scan	2048×10μm	56.4mm
4K Linear scan	4096×7μm	79.0mm

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

<p><b>The fourth generation lens of Canrill</b></p> <p><b>Object FOV</b> _____</p> <p><b>Image FOV</b> _____</p>	<p><b>The camera mount (M &amp; P mount need specify BFL)</b></p> <p style="text-align: right;"><b>90° Steering option</b></p>
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Undefined tolerance (mm)	degree	File Name			
X. X	±0.2	±30min	XF-PTL08029-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.