



# XF-PTL18229-F

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

## Specification

Optical structure	Bi-Telecentric
Magnification	0.16
Object field of view	Φ181.3mm
Image field of view	Φ29mm
Working Distance	398mm±3%
Telecentricity	<0.04°(0.06°)
Depth of field	30.1mm
F#	F7
Resolution	28.94μm
MTF	>0.3@145lp/mm
Distortion	<0.044%(0.057%)
Detector type:	

7/4' 22.5×16.9	140.6×105.6mm
4/3' 18.0×13.5	112.5×84.4mm
1.1' 14.2×10.4	88.8×65.0mm
1' 12.8×9.6	80.0×60.0mm
2K Linear scan 2048×10μm	128.0mm
4K Linear scan 4096×7μm	179.2mm

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

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

Undefined tolerance (mm)		degree		File Name	
X. X	±0.2	±30min	XF-PTL18229-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.