



# XF-PTL18235-F

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

## Specification

Optical structure	Bi-Telecentric
Magnification	0.199
Object field of view	Φ175.9mm
Image field of view	Φ35mm
Working Distance	398mm±3%
Telecentricity	<0.04°(0.06°)
Depth of field	20.8mm
F#	F7.5
Resolution	25.00μm
MTF	>0.3@140lp/mm
Distortion	<0.037%(0.057%)
Detector type:	

2'	23×23	115.6×115.6mm
4/3'	18×13.5	90.5×67.8mm
1.1'	14.2×10.4	71.4×52.3mm
1'	12.8×9.6	64.3×48.2mm
2K Linear scan	2048×10μm	102.9mm
4K Linear scan	4096×7μm	144.1mm

**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-PTL18235-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.