



# XF-PTL31044-M58-11.48

## Specification

Optical structure	Bi-Telecentric
Magnification	0.144
Object field of view	Φ302.8mm
Image field of view	Φ43.6mm
Working Distance	500mm±3%
Telecentricity	<0.04°(0.07°)
Depth of field	47.5mm
F#	F9
Resolution	41.4μm
MTF	>0.3@115lp/mm
Distortion	<0.043%(0.100%)
Detector type:	
35film 36×24	250.0×166.7mm
2' 23×23	159.7×159.7mm
4/3' 18×13.5	125.0×93.8mm
1.1' 14.2×10.4	98.6×72.2mm
2K Linear scan 2048×10μm	142.2mm
4K Linear scan 4096×7μm	199.1mm
8K Linear scan 8192×5μm	284.4mm

## Optional camera mount

- 1、 F mount
- 2、 M58×0.75
- 3、 M42×1

**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><b>90° Steering option</b></p>
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Undefined tolerance (mm)	degree	File Name			
X. X	±0.2	±30min	XF-PTL31044-M58-11.48-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.