



## XF-PTL04544-M58-11.48-VI

### Specification

Optical structure	Bi-Telecentric
Magnification	0.988
Object field of view	Φ44.1mm
Image field of view	Φ43.6mm
Working Distance	120mm±3%
Telecentricity	<0.03°(0.1°)
Depth of field	1-6.5mm
F#	F9-F57.4
Resolution	6-38.32μm
MTF	>0.3@115-18lp/mm
Distortion	<0.050%(0.10%)
Detector type:	

35film	36×24	36.4×24.3mm
2'	23×23	23.3×23.3mm
4/3'	18×13.5	18.2×13.7mm
1.1'	14.2×10.4	14.4×10.5mm
2K Linear scan	2048×10μm	20.7mm
4K Linear scan	4096×7μm	29.0mm
8K Linear scan	8192×5μm	41.5mm

Optional camera mount:  
 1、 F  
 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>Object FOV _____</p> <p>Image FOV _____</p>	<p><b>The camera mount (M &amp; P mount need specify BFL)</b></p> <p>_____</p>	<p><b>90° Steering option</b></p>
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Undefined tolerance (mm)		degree	File Name		
X. X	±0.2	±30min	XF-PTL04544-M58-11.48-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.