



**Optional camera mount:**

- 1、 F
- 2、 M58×0.75
- 2、 M42×1

## XF-PTL06544-M58-11.48-VI

### Specification

Optical structure	Bi-Telecentric
Magnification	0.684
Object field of view	$\Phi 63.7\text{mm}$
Image field of view	$\Phi 43.6\text{mm}$
Working Distance	160mm±3%
Telecentricity	<math><0.03^\circ (0.09^\circ)</math>
Depth of field	2.1-13.7mm
F#	F9-F57.4
Resolution	8.70-55.41 $\mu\text{m}$
MTF	>0.3@115-18lp/mm
Distortion	<math><0.048\% (0.10\%)</math>
Detector type:	

35film 36×24	52.6×35.1mm
2' 23×23	33.6×33.6mm
4/3' 18×13.5	26.3×19.7mm
1.1' 14.2×10.4	20.8×15.2mm
2K Linear scan 2048×10 $\mu\text{m}$	29.9mm
4K Linear scan 4096×7 $\mu\text{m}$	41.9mm
8K Linear scan 8192×5 $\mu\text{m}$	59.9mm

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

The fourth generation lens of Canrill

Object FOV

Image FOV

The camera mount (M & P mount need specify BFL)

90° Steering option

Undefined tolerance (mm)	degree	File Name			
X. X	±0.2	±30min	XF-PTL06544-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.