



**Optional camera mount**  
 1、M58×0.75  
 2、M72×0.75

## XF-PTL39062-M72-11.48-VI

### Specification

Optical structure	Bi-Telecentric
Magnification	0.165
Object field of view	$\phi 375.8\text{mm}$
Image field of view	$\phi 62\text{mm}$
Working Distance	$700\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.06^\circ)$
Depth of field	$44.4\text{mm} @ F11$
F#	F6-F83
Resolution	$44.0\mu\text{m} @ F11$
MTF	$> 0.3 @ 95\text{lp/mm} @ F11$
Distortion	$< 0.020\% (0.052\%)$
Detector type:	

35film	$36 \times 24$
2'	$23 \times 23$
4/3'	$18 \times 13.5$
1.1'	$14.2 \times 10.4$
4K Linear scan	$4096 \times 7\mu\text{m}$
8K Linear scan	$8192 \times 5\mu\text{m}$
8K Linear scan	$8192 \times 7\mu\text{m}$
12K Linear scan	$12288 \times 5\mu\text{m}$

	$218.2 \times 145.5\text{mm}$
	$139.4 \times 139.4\text{mm}$
	$109.1 \times 81.8\text{mm}$
	$86.1 \times 63.0\text{mm}$
	$173.8\text{mm}$
	$248.2\text{mm}$
	$347.5\text{mm}$
	$372.4\text{mm}$

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	$\pm 0.2$	$\pm 30\text{min}$	XF-PTL39062-M72-11.48-VI-外形尺寸-EN		
X. XX	$\pm 0.02$		Drawing Name		
X. XXX	$\pm 0.005$	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.