



XF-PTL09257-M72-11.48-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.648
Object field of view	$\Phi 88.6\text{mm}$
Image field of view	$\Phi 57.4\text{mm}$
Working Distance	$250\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.06^\circ)$
Depth of field	$2.9\text{mm} @ F11$
F#	F6-F76
Resolution	$11.2\mu\text{m} @ F11$
MTF	$> 0.3 @ 95\text{lp/mm} @ F11$
Distortion	$< 0.048\% (0.100\%)$
Detector type:	
35film	36×24
2'	23×23
4/3'	18×13.5
1.1'	14.2×10.4
2K Linear scan	$2048 \times 10\mu\text{m}$
4K Linear scan	$4096 \times 7\mu\text{m}$
8K Linear scan	$8192 \times 5\mu\text{m}$
8K Linear scan	$8192 \times 7\mu\text{m}$

Optional camera mount

- 1、M58×0.75
- 2、M72×0.75

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	$\pm 30\text{min}$	XF-PTL09257-M72-11.48-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.