



XF-PTL06535-F-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.556
Object field of view	$\phi 62.9\text{mm}$
Image field of view	$\phi 35\text{mm}$
Working Distance	160mm \pm 3%
Telecentricity	$<0.03^\circ(0.08^\circ)$
Depth of field	2.7-16.8mm
F#	F7.5-F46.7
Resolution	8.90-55.41 μm
MTF	$>0.3@140\text{-}22\text{lp/mm}$
Distortion	$<0.040\%(0.060\%)$

Detector type:

2'	23 \times 23	41.4 \times 41.4mm
4/3'	18 \times 13.5	32.4 \times 24.3mm
1.1'	14.2 \times 10.4	25.5 \times 18.7mm
1'	12.8 \times 9.6	23.0 \times 17.3mm
2K Linear scan	2048 \times 10 μm	36.8mm
4K Linear scan	4096 \times 7 μm	51.6mm

Optional camera mount:

- 1、 F
- 2、 M42 \times 1

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-PTL06535-F-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.