



XF-PTL31035-F

Specification

Optical structure	Bi-Telecentric
Magnification	0.117
Object field of view	$\phi 299.1\text{mm}$
Image field of view	$\phi 35\text{mm}$
Working Distance	$500\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.06^\circ)$
Depth of field	60.1mm
F#	F7.5
Resolution	$42.4\mu\text{m}$
MTF	$> 0.3 @ 140\text{lp/mm}$
Distortion	$< 0.031\% (0.066\%)$
Detector type:	

2' 23×23	196.6×196.6mm
4/3' 18×13.5	153.8×115.4mm
1.1' 14.2×10.4	121.4×88.9mm
1' 12.8×9.6	109.4×82.1mm
2K Linear scan 2048×10 μm	175.0mm
4K Linear scan 4096×7 μm	245.1mm

Optional camera mount

- 1、F mount
- 2、M42×1

XF-PTLAAABB-C/F/P/M-(L90/E)-(HD)

The fourth generation lens of Canrill

Object FOV

Image FOV

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

High resolution edition

90° Steering option

Undefined tolerance (mm)	degree	File Name			
X. X	± 0.2	$\pm 30\text{min}$	XF-PTL31035-F-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.