



XF-PTL31082-M95-12-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.279
Object field of view	Φ293.9mm
Image field of view	Φ82mm
Working Distance	500mm±3%
Telecentricity	<0.04°(0.08°)
Depth of field	19.2mm@F13.5
F#	F8-F111
Resolution	31.9μm@F13.5
MTF	>0.3@75lp/mm@F13.5
Distortion	<0.041%(0.061%)
Detector type:	

35film 36×24	129.0×86.0mm
2' 23×23	82.4×82.4mm
4/3' 18×13.5	64.5×48.4mm
1.1' 14.2×10.4	50.9×37.3mm
4K Linear scan 4096×7μm	102.8mm
8K Linear scan 8192×5μm	146.8mm
8K Linear scan 8192×7μm	205.5mm
16K Linear scan 16384×5μm	293.6mm

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-PTL31082-M95-12-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.