

XF-PTL31008-C

Specification

Optical structure	Bi-Telecentric
Magnification	0.0258
Object field of view	$\Phi 310.1\text{mm}$
Image field of view	$\Phi 8\text{mm}$
Working Distance	$500\text{mm} \pm 3\%$
Telecentricity	$<0.04^\circ (0.06^\circ)$
Depth of field	872.5mm
F#	F5.5
Resolution	$140.5\mu\text{m}$
MTF	$>0.3@185\text{lp/mm}$
Distortion	$<0.095\% (0.128\%)$
Detector type:	

1/2'	6.4x4.8	248.1x186.0mm
1/2.3'	6.2x4.6	240.3x178.3mm
1/2.5'	5.8x4.3	224.8x166.7mm
1/3'	4.8x3.6	186.0x139.5mm

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-PTL31008-C-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	All design and drawings are intellectual property of Canrill Optics, can not be copied without Canrill's authorization.
Modify2			Total:	Page:	