



## XF-PTL31016-C

### Specification

Optical structure	Bi-Telecentric
Magnification	0.0522
Object field of view	$\phi 310.3\text{mm}$
Image field of view	$\phi 16.2\text{mm}$
Working Distance	$500\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.06^\circ)$
Depth of field	261.0mm
F#	F6.5
Resolution	$82.2\mu\text{m}$
MTF	$> 0.3 @ 160\text{lp/mm}$
Distortion	$< 0.041\% (0.062\%)$
Detector type:	

1'	$12.8 \times 9.6$	$245.2 \times 183.9\text{mm}$
2/3'	$8.45 \times 7.07$	$161.9 \times 135.4\text{mm}$
1/1.8'	$7.2 \times 5.3$	$137.9 \times 101.5\text{mm}$
1/2'	$6.4 \times 4.8$	$122.6 \times 92.0\text{mm}$

### 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	$\pm 0.2$	$\pm 30\text{min}$	XF-PTL31016-C-外形尺寸-EN		
X. XX	$\pm 0.02$	Drawing Name			
X. XXX	$\pm 0.005$	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.