



## XF-PTL31038-F

### Specification

Optical structure	Bi-Telecentric
Magnification	0.127
Object field of view	$\phi 299.2\text{mm}$
Image field of view	$\phi 38\text{mm}$
Working Distance	$500\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.06^\circ)$
Depth of field	54.6mm
F#	F8
Resolution	$41.6\mu\text{m}$
MTF	$> 0.3 @ 128\text{lp/mm}$
Distortion	$< 0.055\% (0.100\%)$
Detector type:	

71M	$31 \times 22$	$244.1 \times 173.2\text{mm}$
2'	$23 \times 23$	$181.1 \times 181.1\text{mm}$
4/3'	$18 \times 13.5$	$141.7 \times 106.3\text{mm}$
1.1'	$14.2 \times 10.4$	$111.8 \times 81.9\text{mm}$
2K	Linear scan $2048 \times 10\mu\text{m}$	161.3mm
4K	Linear scan $4096 \times 7\mu\text{m}$	225.8mm

**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-PTL31038-F-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.