



XF-PTL03735-F-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.988
Object field of view	$\Phi 35.4\text{mm}$
Image field of view	$\Phi 35\text{mm}$
Working Distance	$110\text{mm} \pm 3\%$
Telecentricity	$< 0.03^\circ (0.09^\circ)$
Depth of field	$0.8\text{-}5.3\text{mm}$
F#	F7.5-F46.7
Resolution	$5.0\text{-}31.22\mu\text{m}$
MTF	$> 0.3 @ 140\text{-}22\text{lp/mm}$
Distortion	$< 0.048\% (0.10\%)$
Detector type:	

2'	23×23	23.3×23.3mm
4/3'	18×13.5	18.2×13.7mm
1.1'	14.2×10.4	14.4×10.5mm
1'	12.8×9.6	13.0×9.7mm
2K Linear scan	$2048 \times 10\mu\text{m}$	20.7mm
4K Linear scan	$4096 \times 7\mu\text{m}$	29.0mm

Optional camera mount:
1、F
2、M42×1

XF-PTLAAABB-C/F/P/M- (L90E)

<p>The fourth generation lens of Canrill</p> <p>Object FOV</p> <p>Image FOV</p>	<p>The camera mount (M & P mount need specify BFL)</p> <p>90° Steering option</p>
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Undefined tolerance (mm)		degree	File Name		
X. X	± 0.2	$\pm 30\text{min}$	XF-PTL03735-F-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.