



## XF-PTL06532-F-VI

### Specification

Optical structure	Bi-Telecentric
Magnification	0.505
Object field of view	$\Phi 63.4\text{mm}$
Image field of view	$\Phi 32\text{mm}$
Working Distance	160mm $\pm$ 3%
Telecentricity	$<0.03^\circ$ (0.08 $^\circ$ )
Depth of field	3.3-18.5mm
F#	F7.5-F42.2
Resolution	9.8-55.2 $\mu\text{m}$
MTF	$>0.3@135\text{-}25\text{lp/mm}$
Distortion	$<0.034\%$ (0.060%)
Detector type:	

7/4' 22.5 $\times$ 16.9	44.6 $\times$ 33.5mm
4/3' 18 $\times$ 13.5	35.6 $\times$ 26.7mm
1.1' 14.2 $\times$ 10.4	28.1 $\times$ 20.6mm
1' 12.8 $\times$ 9.6	25.3 $\times$ 19.0mm
2K Linear scan 2048 $\times$ 10 $\mu\text{m}$	40.6mm
4K Linear scan 4096 $\times$ 7 $\mu\text{m}$	56.8mm

**Optional camera mount:**  
 1、 F  
 2、 M42 $\times$ 1

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

<p><b>The fourth generation lens of Canrill</b></p> <p><b>Object FOV</b> _____</p> <p><b>Image FOV</b> _____</p>	<p><b>The camera mount (M &amp; P mount need specify BFL)</b></p> <p><b>90° Steering option</b></p>
--	---

Undefined tolerance (mm)	degree	File Name			
X. X	$\pm 0.2$	$\pm 30\text{min}$	XF-PTL06532-F-VI-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.