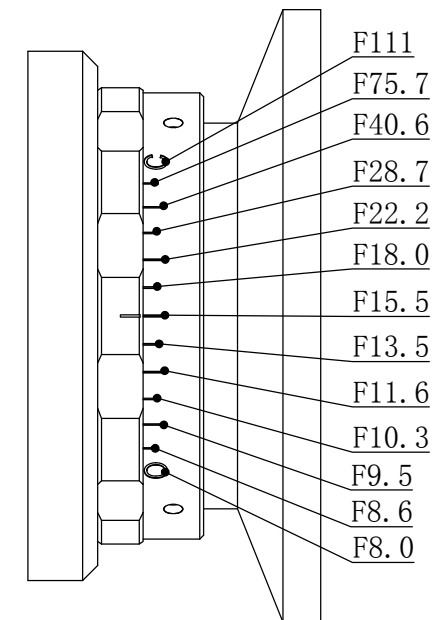


## XF-PTL04582-M90-12-VI

### Specification

Optical structure	Bi-Telecentric
Magnification	1.92
Object field of view	Φ42.7mm
Image field of view	Φ82mm
Working Distance	120mm±3%
Telecentricity	<0.03°(0.1°)
Depth of field	0.5mm@F18
F#	F8-F111.5
Resolution	6.20μm@F18
MTF	>0.3@58lp/mm@F18
Distortion	<0.034%(0.10%)
Detector type:	

35film	36×24	18.8×12.5mm
2'	23×23	12.0×12.0mm
4/3'	18×13.5	9.4×7.0mm
1.1'	14.2×10.4	7.4×5.4mm
4K Linear scan	4096×7μm	14.9mm
8K Linear scan	8192×5μm	21.3mm
8K Linear scan	8192×7μm	29.9mm
16K Linear scan	16384×5μm	42.7mm



This lens has the best resolution and better imaging consistency in F13.5, it has the best imaging consistency in F18.0. If the aperture exceeds F13.5, both resolution and imaging consistency will begin to decline.

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

The fourth generation lens of Canrill

The camera mount (M & P mount need specify BFL)

Variable aperture option

Object FOV

90° Steering option

Image FOV

Undefined tolerance (mm)	degree	File Name		
X. X	±0.2	±30min	XF-PTL04582-M90-12-VI-外形尺寸-EN	
X. XX	±0.02		Drawing Name	
X. XXX	±0.005	Drawing Size: A3		
	Sign	Data/Ver.	Material	Ratio
Design				1:5
Modify1			Qty	☐ ⊕
Modify2			Total:	Page:

Product Name

Canrill OPTICS

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