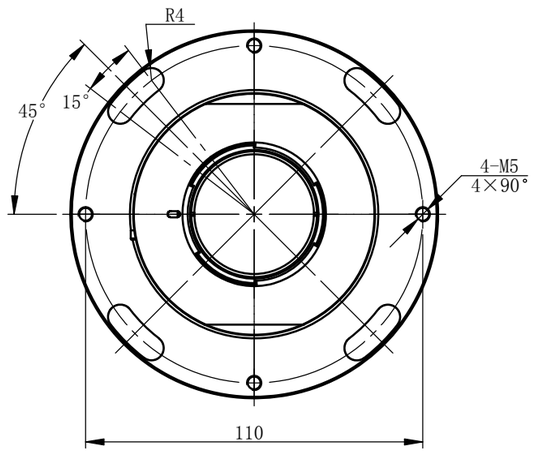
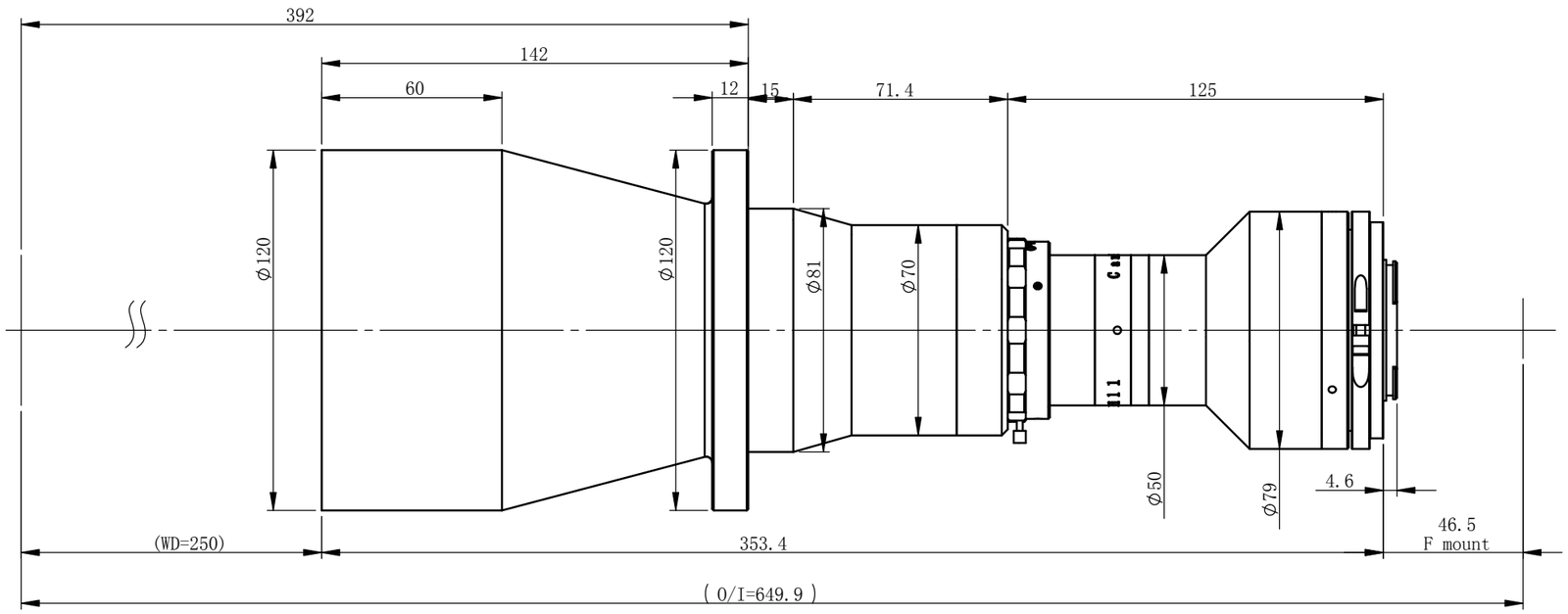




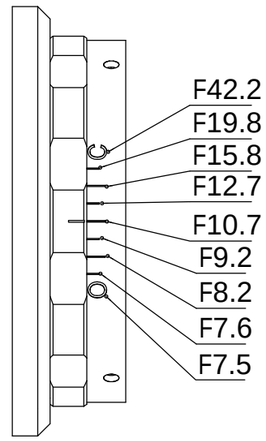
XF-PTL09232-F-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.359
Object field of view	Φ90.5mm
Image field of view	Φ32.5mm
Working Distance	250mm±3%
Telecentricity	<0.04°(0.06°)
Depth of field	6.4-36.5mm
F#	F7.5-F42.2
Resolution	13.8-77.7μm
MTF	>0.3@135-25lp/mm
Distortion	<0.038%(0.080%)
Detector type：	
2' 23.0×23.0	64.1×64.1mm
7/4' 22.5×16.9	62.7×47.1mm
4/3' 18×13.5	50.1×37.6mm
1.1' 14.2×10.4	39.6×29.0mm
1' 13.1×8.8	36.5×24.5mm
2K Linear scan 2048×10μm	57.0mm
4K Linear scan 4096×7μm	79.9mm

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

- **The fourth generation lens of Canrill**
- **Object FOV**
- **Image FOV**
- **The camera mount (M & P mount need specify BFL)**
- **90° Steering option**
- **Variable aperture option**



Optional camera mount

1、F

2、M42×1

This lens has the best resolution and better imaging consistency in F7.5,
it has the best imaging consistency in F9.2.
If the aperture exceeds F7.5,
both resolution and imaging consistency will begin to decline.

Undefined tolerance(mm)		degree	File Name		
X.X	±0.2	±30min	XF-PTL09232-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:	

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