

Long WD series Telecentric lens

Maximally support
to 1/2" camera

WD longer than 150mm

Object telecentric
design & Standard
C-Mount

1. Support more than 450,000 pixels resolution, max support 2/3" camera.
2. WD longer than 150mm, up to 420mm
3. Object telecentric design
4. Long working distance suit for the high precision image positioning of special assembling structure.
5. Standard C-Mount
6. Depth of focus is calculated by permissive circle radius of confusion $\leq 20\mu\text{m}$ on the image side, we can also provide customer DOF data at specific resolution and contrast requirements



Model	Coax	Mag.	WD (mm)	Telecentricity (degree)	Distortion (%)	DOF (mm)	Resolution (μm)	FOV for different Sensor size (mm.x mm)		
								Mount (17.526m)	1/3inch 4.8x3.6	1/2inch 6.4x4.8
XF-T1X1500	Y	1X	150	0.1	0.15	2.2	13.75	C-Mount	4.8x3.6	6.4x4.8
XF-T1X150	N	1X	150	0.1	0.15	2.2	13.75	C-Mount	4.8x3.6	6.4x4.8
XF-T2X1500	Y	2X	150	0.5	0.3	0.75	10.31	C-Mount	2.4x1.8	3.2x2.4
XF-T2X150	N	2X	150	0.5	0.3	0.75	10.31	C-Mount	2.4x1.8	3.2x2.4
XF-T2X2000	Y	2X	200	0.4	0.3	1	13.75	C-Mount	2.4x1.8	3.2x2.4
XF-T2X200	N	2X	200	0.4	0.3	1	13.75	C-Mount	2.4x1.8	3.2x2.4
XF-T1X2500	Y	1X	250	0.1	0.12	2.1	14.3	C-Mount	4.8x3.6	6.4x4.8

Model	Coax	Mag.	WD (mm)	Telecentricity (degree)	Distortion (%)	DOF (mm)	Resolution (μm)	Mount (17.526m)	FOV for different Sensor size (mm.x mm)		
									1/3inch 4.8x3.6	1/2inch 6.4x4.8	
XF-T1X250	N	1X	250	0.1	0.12	2.1	14.3	C-Mount	4.8x3.6	6.4x4.8	
XF-T1X3000	Y	1X	300	0.1	0.12	3.7	22	C-Mount	4.8x3.6	6.4x4.8	
XF-T1X300	N	1X	300	0.1	0.12	3.7	22	C-Mount	4.8x3.6	6.4x4.8	
XF-T2X3000	Y	2X	300	0.1	0.18	0.8	11	C-Mount	2.4x1.8	3.2x2.4	
XF-T2X300	N	2X	300	0.1	0.18	0.8	11	C-Mount	2.4x1.8	3.2x2.4	
XF-T1X4200	Y	1X	420	0.1	0.3	2.6	18.3	C-Mount	4.8x3.6	6.4x4.8	
XF-T1X420	N	1X	420	0.1	0.3	2.6	18.3	C-Mount	4.8x3.6	6.4x4.8	

