

# VFA 1-230-5M08

8mm Focal Length

2/3" F1.4/8 C Mount			Working distance	Optical Magnification	2/3" Field of View(mm)		
Focal Length		f=8mm			mm	(X)	H
Max Diameter(RATIO)		F=1:1.4~16		900	0.009	976.8	731.5
Picture Size		2/3"	1/2"	850	0.010	923.3	691.4
Angle	H	56.3°	42.5°	800	0.010	869.8	651.3
	V	43.7°	32.4°	750	0.011	816.3	611.2
	D	61.7°	51.9°	700	0.012	762.8	571.1
Object Dimension at M.O.D	H	123mm	65.5mm	650	0.013	709.3	531.0
	V	91mm	88mm	600	0.014	655.8	490.9
	D	154.8mm	111mm	550	0.015	602.3	450.8
Distortion(TV)		<1%	<0.8%	500	0.016	548.8	410.7
Focus distance(min)		0.1M		450	0.018	495.3	370.6
Flange back		17.526mm in air		400	0.020	441.8	330.5
Back focus		10.74mm in air		350	0.023	388.3	290.4
Filter screw size		M37x0.5		300	0.027	334.8	250.3
Front/Rear Effective Dia		Front $\Phi$ 26.2mm    Rear $\Phi$ 12.7mm		250	0.032	281.2	210.2
Mount		C-Mount		200	0.039	227.7	170.0
Temperature Range		-10~+50°C		150	0.052	174.2	129.9
Storage Temperature Range		-20~+60°C		100	0.075	120.7	89.8

