



GD0810A

2/3" F2.8/8 C Mount

			Working distance	Optical Magnification	2/3" Field of View(mm)	
Focal Length		f=8mm \triangle	mm		H	V
Max Diameter (Ratio)	F=1:2.8~16		5000	0.002X	5371.8	4028.8
Picture Size		2/3"(8.8×6.6mm) 1/2"(6.4×4.8mm) 1/3"(4.8×3.6mm)	2000	0.004X	2156.4	1617.3
Angle	H	57.6° 42.8° 32.7°	1000	0.008X	1084.6	813.5
	V	44° 32.7° 24.7°	900	0.009X	977.4	733.1
	D	67.6° 52.2° 40.3°	800	0.010X	870.3	652.7
Object Dimension at 200mm	H	227.2mm 166mm 124.5mm	700	0.012X	763.1	572.3
	V	170.4mm 124.5mm 93.2mm	600	0.014X	655.9	491.9
	D	284.6mm 207.6mm 155.2mm	550	0.015X	602.3	451.7
Distortion (TV)	<1%	<0.5%	<0.3%	500	0.016X	548.7 411.5
Focus distance(min)	0.1m		450	0.018X	495.1	371.3
Flange back	17.526mm in air		400	0.020X	441.5	331.2
Back focus	11.5mm(min)		350	0.023X	387.9	291
Filter screw size	M30.5×P0.5		300	0.027X	334.4	250.8
Front/Rear Effective Dia	Front ϕ 17.15mm Rear ϕ 8.5mm		250	0.032X	280.8	210.6
Mount	C-Mount		200	0.039X	227.2	170.4
Temperature Range	-10~+50°C		150	0.051X	173.6	130.2
Storage Temperature Range	-20~+60°C		100	0.074X	120	90