



GD1616A

1.1" F2.8/16 C Mount

1.1" F2.8/16 C Mount				Working distance	Optical Magnification	1.1" Field of View(mm)		
Focal Length		f=16mm		mm		H	V	
Max Diameter (Ratio)		F=1:2.8~22		5000	0.0032X	4473.2	3361	
Picture Size		1.1"(14.1x10.6mm)	1"(12.8x9.6mm)	2/3"(8.8x6.6mm)	2000	0.0079X	1793.5	1347.4
Angle	H	46.3°	43.6°	30.8°	1000	0.0158X	900.6	676.4
	V	36°	33.4°	23.3°	900	0.0176X	811.3	609.4
	D	55.4°	53.1°	37.9°	800	0.0197X	722.4	542.6
Object Dimension at 200mm	H	186mm	168.4mm	115.3mm	700	0.0225X	632.9	475.4
	V	139.6mm	125.9mm	86.3mm	600	0.0262X	543.6	408.3
	D	232.1mm	210.9mm	144.5mm	550	0.0286X	498.7	374.6
Distortion (TV)		<0.5%	<0.5%	<0.3%	500	0.0314X	454.2	341
Focus distance(min)		0.1m		450	0.0348X	409.5	307.6	
Flange back		17.526mm in air		400	0.0391X	364.9	274	
Back focus		22.4mm(min)		350	0.0445X	320.2	240.3	
Filter screw size		M35.5xP0.5		300	0.0518X	275.4	206.8	
Front/Rear Effective Dia		Front ∅26.7mm	Rear ∅19.2mm	250	0.0618X	230.8	173.2	
Mount		C-Mount		200	0.0767X	186	139.6	
Temperature Range		-10~+50°C		150	0.101X	141.3	106	
Storage Temperature Range		-20~+60°C		100	0.148X	96.5	72.4	