

VFA1-111-20M16

16mm Focal Length

1.1" F2.8/16 C Mount				Working distance	Optical Magnification	1.1" Field of View(mm)		
Focal Length	f=16mm			mm	(X)	H	V	
Max Diameter(RATIO)	F=1:2.8~22			5000	0.0032	4473.2	3361	
Picture Size	1.1"	1"	2/3"	2000	0.0079	1793.5	1347.4	
Angle	H	46.3°	43.6°	30.8°	1000	0.0158	900.6	676.4
	V	36°	33.4°	23.3°	900	0.0176	811.3	609.4
	D	55.4°	53.1°	37.9°	800	0.0197	722.4	542.6
Object Dimension at 200mm	H	186mm	168.4mm	115.3mm	700	0.0225	632.9	475.4
	V	139.6mm	125.9mm	86.3mm	600	0.0262	543.6	408.3
	D	232.1mm	210.9mm	144.5mm	550	0.0286	498.7	374.6
Distortion(TV)	<0.5%	<0.5%	<0.3%	500	0.0314	454.2	341	
Focus distance(min)	0.1M			450	0.0348	409.5	307.6	
Flange back	17.526mm in air			400	0.0391	364.9	274	
Back focus	22.4mm(min)			350	0.0445	320.2	240.3	
Filter screw size	M35.5xP0.5			300	0.0518	275.4	206.8	
Front/Rear Effective Dia	Front Ø26.7mm / Rear Ø19.2mm			250	0.0618	230.8	173.2	
Mount	C-Mount			200	0.0767	186	139.6	
Temperature Range	-10~+50°C			150	0.101	141.3	106	
Storage Temperature Range	-20~+60°C			100	0.148	96.5	72.4	

