

# VFA1-111-20M50

50mm Focal Length

1.1" F2.8/50 C Mount				Working distance	Optical Magnification	1.1" Field of View(mm)		
Focal Length	f=50mm			mm	(X)	H	V	
Max Diameter(RATIO)	F=1:2.8~22			5000	0.01	1379	1035.5	
Picture Size	1.1"	1"	2/3"	2000	0.026	547.1	410.7	
Angle	H	15.9°	14.6°	10.1°	1000	0.052	273.5	205.3
	V	11.9°	10.9°	7.5°	900	0.057	245.6	184.3
	D	19.9°	18.2°	12.6°	800	0.065	218.3	163.8
Object Dimension at 300mm	H	79mm	71.6mm	49.3mm	750	0.069	204.5	153.4
	V	59.3mm	53.8mm	37mm	700	0.074	190.6	143
	D	98.9mm	89.7mm	61.6mm	650	0.08	176.7	132.5
Distortion(TV)	<0.04%	<0.04%	<0.02%	600	0.087	162.8	122.1	
Focus distance(min)	0.3M			550	0.095	148.9	111.7	
Flange back	17.526mm in air			500	0.105	134.9	99	
Back focus	21.1mm(min)			450	0.117	121	90.7	
Filter screw size	M35.5*P0.5			400	0.132	107	80.2	
Front/Rear Effective Dia	FrontØ24mm / RearØ21.7mm			350	0.152	92.9	69.7	
Mount	C-Mount			300	0.179	79	59.3	
Temperature Range	-10~+50°C							
Storage Temperature Range	-20~+60°C							

