



### 1.1" F2.2/12MM/20MEGA/C-MOUNT

FOCAL LENGTH	f=12MM			
F.NO	F=1:2.2~16			
FOCUS DISTANCE	0.1M			
FLANGE BACK	17.526MM IN AIR			
BACK FOCUS	12.9			
FILTER SCREW SIZE	M49*P0.75			
MOUNT	C			
REL.ILLUMINATION	≥70%			
Front/Rear Effective Dia	Front Ø38.1 Rear Ø17.9			
FIELD OF VIEW	SENSOR	1.1"	1"	2/3"
	D	71.4°	66.7°	49°
	H	60.4°	55.8°	40°
	V	47.2°	43.3°	30.4°
TV DISTORTION	<0.5%	<0.4%	<0.3%	

WORKING DISTANCE	OPTICAL MAGNIFICATION	1.1" FIELD OF VIEW	
		H	V
MM	D		
5000	0.003X	5420.38	4065.28
2000	0.006X	2199.54	1649.66
1000	0.013X	1125.94	844.45
900	0.014X	1018.58	763.94
800	0.015X	964.9	723.68
700	0.018X	803.87	620.9
600	0.02X	696.52	522.39
500	0.024X	589.18	441.88
400	0.029X	481.8	361.4
350	0.033X	428.2	321.1
300	0.038X	374.55	280.7
250	0.044X	320.95	239.7
200	0.053X	267.4	200.56
150	0.066X	214.1	160.55
100	0.087X	161.34	121.04

WORKING TEMPERATURE -40°C~80°C  
 STORAGE TEMPERATURE -40°C~85°C

Common Tolerance		④				
Angle	±0.5°	③				
0.000	±0.01	②				
0.00	±0.03	①				
0.0	±0.05	Rev	Description	Name	Date	
0	±0.1		Design	Examine	Checked	Approved

Model	
3RD ANGLE PROJN	
Unit	mm
Scale	2:1
Ver	00
Date	2018.10.10

SBS-1224-20MP



vision solution