

POMEAS 1.1" FA Lens Series:

20MP: PMS-12UC20M



Product Introduction

- ◆ Support 20MP 1.1" Camera.
- ◆ Focus and iris locking screw to ensure stable focusing.
- ◆ Low distortion.
- ◆ Compact structure, excellent optical performance.

Application Field

Widely used in machine vision, automatic production and electronic communication field.

PMS-12UC20M		Product Parameter
Code	PMS-12UC20M	
Sensor Size	1.1"	
Focal Range	12mm	
Iris Range	F2.8~16	
Resolution	20MP	
TV Distortion	-0.22% @0.4m	
Focus Range	0.1m~∞	
FOV(H×V)	1.1"	61.22°×46.86°
	1"	60.05°×40.57°
	1/1.2"	49.85×32.66°
Iris Type	Manual	
Mount	C-Mount	
Filter Thread	M43.5,P=0.5mm	
Size	Φ47×57mm	
Weight	172±2g	
Work Temperature	-10°C~+50°C	

Work Distance (mm)	Optical Magnification	Extension Ring (mm)	Ring Field of View(mm)					
			1.1"		1"		1/1.2"	
			H	V	H	V	H	V
1000	-0.012X	---	1183.3	866.7	1108.3	739.2	925.0	583.3
900	-0.013X	---	1065.0	780.0	997.5	665.3	832.5	525.0
800	-0.015X	---	946.7	693.3	886.7	591.3	740.0	466.7
700	-0.017X	---	828.3	606.7	775.8	517.4	647.5	408.3
600	-0.020X	---	710.0	520.0	665.0	443.5	555.0	350.0
500	-0.024X	---	591.7	433.3	554.2	369.6	462.5	291.7
400	-0.030X	---	473.3	346.7	443.3	295.7	370.0	233.3
300	-0.040X	---	355.0	260.0	332.5	221.8	277.5	175.0
200	-0.060X	---	236.7	173.3	221.7	147.8	185.0	116.7
100	-0.120X	---	118.3	86.7	110.8	73.9	92.5	58.3

