



Specification

Model		1M10048IR-M3.2	
Sensor size		1/9" -OV9734	
Max image circle		φ 2.18	
EFL		1.0	
Optical BFL (BFL)		1.205±0.2	
Mechanical BFL (MBFL)		0.78±0.2	
F/NO		4.5~7.0	
Optical BFL(AIR)		1.135±0.2	
Mechanical BFL(AIR)		0.71±0.2	
View of field	vertical	54° (Y=0.504 mm)	
	horizontal	97° (Y=0.896 mm)	
	diagonal	120° (Y=1.028 mm)	
Optical distortion		< -40.7%	
Relative illumination		> 50%	
Construction		3P+1 IR	
Cut frequency at 50%		Tabs>90% at 420~630nm T=50% at 650+10nm T<5% at 680~1100nm	
Thread		M3.2XP0.2	
Chief Ray Angle		< 31.8°	

These are cameras for this lens

Model	Image Circle	Image Sensor	Pixel Size	Resolution	Size
MD-B20005	2mm	1/9" color	2.5um x 2.5um	640x480	5.2(D)
MD-B20904	2.09mm	1/9" color	1.4x1.4um	1280 x 720 (720p)	3.4(D)x16.3
TD-B20903	2.09mm	1/9" color	1.4x1.4um	1280 x 720 (720p)	3.2(H) x 13(L) x 3.5(D)
XD-B20903	2.09mm	1/9" color	1.4x1.4um	1280 x 720 (720p)	3.2(D)x16.3
MO-B13R3	2.11 mm	1/13" color	1.4x1.4um	642 x 484	3.8(D)

UVC camera:

MD-B20005 / MD-B20904 / TD-B20903 / XD-B20903

CVBS camera:

MO-B13R3