



Unit: mm

### 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°	