

NEW Ultra High Resolution

M111FM50

- 3.1µm Pixel Pitch
- Supports 1.1" Image Sensors
- Wide Temperature Range



P/N		M111FM50	
Imager size		1.1"	
Mount		C-Mount	
Focal length		50 mm	
Aperture		F/1.8	
Angle of View (horizontal x vertical)	1.1"	(1:1)	14.1° x 14.1°
		(4:3)	15.9° x 11.9°
	1"	(1:1)	12.9° x 12.9°
		(4:3)	14.6° x 11.0°
	2/3"		10.1° x 7.6°
Focusing range		0.4m - ∞	
Operation	Focus	Manual w/lock	
	Iris	Manual w/lock	
Filter size		M49mm P=0.75mm	
Back focus (in air)		26.72mm	
Exit Pupil Position		-120.6mm	
Distortion		less than -0.3% (distance 2m)	
Optical Overall Length		94.72mm	
Maximum Diameter		53.0mm	
Weight		415g	
Operating Temperature		-20°C ~ 60°C	

